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CHARLES H. TOTTY COMPANY

MADISON

NEW JERSEY

GREETINGS

ON OUR TWENTY-FIRST BIRTHDAY

To Our Friends and Customers:

When a youth reaches his twenty-first birthday, he is considered to have attained a man's estate. He becomes a voter; he inherits property; his opinion is respected, and in every way he is made to feel that he has become a responsible member of society.

While the issuing of our twenty-first catalogue makes us look backward somewhat, we have recognized our responsibility to the American public for years, and the predominating thought for the moment is one of pride—pride in our organization—pride in the service we have been able to render to Horticulture, and great pride in the multitude of friends and customers we are associated with.

Twenty-one years in the passing of the centuries is nothing—but twenty-one years of sincere trying to make the world a little happier, a little richer, a little better place to live in, is well worth while, in the life of the writer, and is bearing its fruits a hundredfold. We are pleased to announce that on our twenty-first birthday our Chrysanthemum Novelties are back to a pre-war standard—"The finest lot of seedlings in ten years," as an enthusiastic amateur put it the other day, and we agree with him. The best from Australia, the cream of France, and our own seedlings represent years of scientific breeding, selection and discrimination. "Miss Millicent Rogers" is a superb golden-pink. Bronze Turner will complete the quartette of the Turner family, and we are proud indeed to know that we have introduced the entire set, since the Turners are known as the finest of the Exhibition Chrysanthemums. The Singles and Pompons too are carrying on the slogan of "Totty's 'Mums," and it seems impossible to improve very much on these popular types, yet our Novelties for 1924 will be found worthy of a place in every collection. Over twenty varieties of these splendid sorts have been certificated for us this year.

ROSES.—The new crimson "Sensation," originated with the Joseph H. Hill Company, and is the Novelty forcing Rose for 1924. In floriferousness, size, color and fragrance, it sets a standard far ahead of any Rose introduced to date.

OUTDOOR ROSES.—Are today an important and rapidly growing part of our business. We spare neither trouble or expense to get the very finest stock, and this catalogue could be filled with enthusiastic letters from our customers were it necessary. We hope this year to have enough stock of our splendid yellow Souvenir de Claudius Pernet to take care of all our customers. The Novelties for 1924 include Souvenir de Verschuren, and Eldorado in the Hybrid Tea type, and do not by any chance miss the splendid new Polyantha type Chatillon and Ideal (page 72). These varieties are absolutely hardy without any protection, and we feel we cannot say too much in their praise.

DAHLIAS.—Are on the crest of the wave of popularity. Our Novelty for 1924, "Lady Elizabeth," will be found to be the forerunner of an entirely new break in Dahlias, reminding one forcibly of the hairy Chrysanthemums. This, in addition to the Waite list of Jersey Dahlias, cannot be surpassed by any other introductions, as New Jersey hybridists are producing at this time the finest seedlings in Dahlias that have ever been seen.

CHARLES H. TOTTY COMPANY
MADISON :: :: :: NEW JERSEY



Our Flower Shop

To our customers who are not as yet familiar with our Flower Shop, or who have not accepted our invitation to call and see us—at 4 East 53rd Street, New York City—we extend an invitation to become acquainted with it. The primary thought back of this idea is to give our clients at first hand the benefit of getting absolutely fresh flowers of the finest possible quality at reasonable prices.

Our flowers are sent into the store every night just a few hours after being cut in our own establishment, and we believe this “grower to consumer” method of selling flowers direct will ultimately become general.

Our motto is “Fresh Flowers.” These we grow, and these we sell, and we will not handle artificial or poor quality flowers under any circumstances.

You may be located far from New York, and yet at any time some of your friends may be sailing for Europe, or arriving here, or you may need flowers to express any one of a thousand social amenities. In such a case our credit facilities are open to you, the same as in our plant business, and all you need do is telegraph or telephone your order with the certainty that it will always be promptly and properly taken care of.

To our customers living in the vicinity of New York we issue a cordial invitation to look in at the store from time to time. We usually have some Novelty on exhibition that will be found interesting, and orders for our catalogue specialties may be left there also for transfer to our main office at Madison, New Jersey. The present-day watchword is—“SERVICE.”

Call on us any time, and we will give you all the service in our power. Note the address.

Lottly's

4 EAST 53RD STREET

NEW YORK CITY

Telephones: Plaza 9720, 3249, 3250

The Pockett-Totty Set for 1924

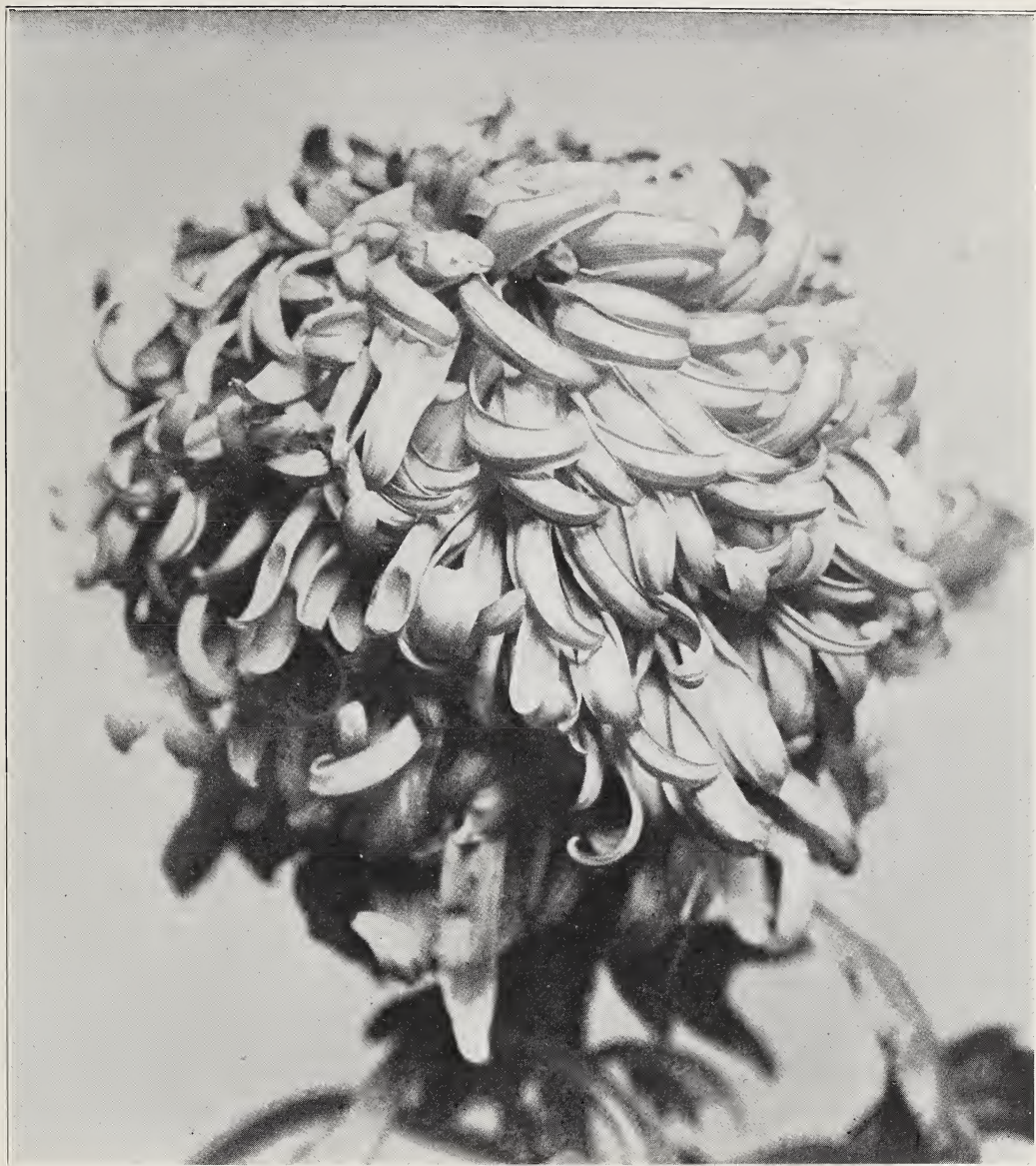


MISS MILLICENT ROGERS

MISS MILLICENT ROGERS

One of the most novel Chrysanthemums introduced in many years. Color bronzy-pink with gold shadings. The lower half of the flower is clear lavender and the upper half bronzy-pink, very much like the Madame Butterfly Rose. The general effect is that of the reflexed type with incurving tips. The extreme lower petals hang down about 6 inches below the stem. The very center of the flower is pure, clear gold with no shading whatever. Foliage right up to the flower, stiff stem, fine habit of growth. Height $4\frac{1}{2}$ feet, crown bud August 15th to 20th.

Price: \$2.00 per plant, \$20.00 per doz.

THE POCKETT-TOTTY SET FOR 1924—*Continued*

MISS ELLEN MACKAY

MISS ELLEN MACKAY

Claudius Pernet, or Sunflower yellow. A magnificent variety, with each individual petal $1\frac{1}{4}$ inches across. The flower is 9 inches deep and 9 inches across, making a perfect specimen. Very handsome foliage, coming right up to the flower, which greatly enhances the beauty of this exquisite variety.

Price: \$2.00 per plant, \$20.00 per doz.



BRONZE TURNER

BRONZE TURNER

We were the introducers of Wm. Turner (white); Mrs. J. Leslie Davis (Pink Turner) and Yellow Turner, and this year we complete the quartet with the bronze variety. Color is buff-bronze, with the lower petals shaded maroon. Since everyone who has grown Chrysanthemums, or has seen them exhibited at the flower shows, knows the Turner type, to describe it further would be to use up valuable space on a well-known subject. Height 4 feet. Bud second week in September.

Price: \$2.00 per plant, \$20.00 per doz.

THE POCKETT-TOTTY SET FOR 1924—*Continued*

JOSEPH P. DAY

JOSEPH P. DAY

Pure ox-blood red, of reflexed type. A Pockett introduction that lines up in size and habit with his previous introductions. We do not have many varieties of this color, and a new red variety is always acceptable to the grower of exhibition Chrysanthemums. Does equally well on crown or terminal bud. By far the largest red Chrysanthemum introduced to date. Very shy producer of stock and only orders received early in the season can be accepted. Named after Mr. Day, probably the foremost real estate operator in the country.

Price: \$2.00 per plant, \$20.00 per doz.

THE POCKETT-TOTTY SET FOR 1924—*Continued*

MRS. LOUIS B. TIM

MRS. LOUIS B. TIM

Lustrous white with incurving petals, the earliest and largest white, blooming in early October. Stem and foliage absolutely ideal. Dwarf grower, 2½ to 3 feet high. Bud August 15th. Certificated C. S. A., New York, Boston and Philadelphia.

Price: \$2.00 per plant, \$20.00 per doz.

THE POCKETT-TOTTY SET FOR 1924—*Continued*



MISS EMILY MORRISON

MISS EMILY MORRISON

Bright lavender, loose incurved type, foliage right up to the flower. One of the best Exhibition Chrysanthemums in this color that we have introduced in many years. Stock limited. Bud August 10th. Height 3 feet.

Price: \$2.00 per plant, \$20.00 per doz.

Novelty French Commercial Chrysanthemums



ROSE CHOCHARD

ROSE CHOCHARD

A very early pink variety coming into flower early in October; a splendid companion for the popular white Alice Day. A great improvement on Chieftain in every way. Incurving type, largely grown for the Paris market. Certificated C. S. A. at New York. 3 feet high. Take bud August 15th.

Price: \$2.00 per plant, \$20.00 per doz.

THE POCKETT-TOTTY SET OF 1923

Price: \$1.00 per plant, \$10.00 per doz.



H. B. WEST

H. B. WEST

Deepest yellow in color, with long, broad petals, whorled and incurved. The growth, flower stem and general habit of the plant are perfect, quite distinct from any previous introduction. Crown bud August 20th.

J. R. BOOTH

This variety was sent out last year under the name of "Princess Nagako," since it had been named by the introducer before we received it. We want to make the correction this year so there will be simply one name for the variety. This is the golden yellow sport of Nagirroc, which is too well known for further description. A most spectacular yellow 'Mum, with the lower petals hanging down several inches, hiding the stem. Height 4 feet. Crown bud, August 26th.

THE POCKETT-TOTTY SET OF 1923—Continued



MRS. W. C. EMMET

MRS. W. C. EMMET

This variety will displace the renowned Louisa Pockett when generally distributed. Snow white in color, of tremendous size and vigorous growing habit, incurved type. Height 5 to 6 feet. Crown bud August 15th.

MRS. A. L. D. WARNER

Lovely, deep canary-yellow, very dwarf and handsome grower, carrying the foliage right up to the flower. A Pockett's seedling, conforming in every respect to the Pockett ideal. Height 4 feet, crown bud August 10th to 20th.

PERCY A. DOVE

An incurving pure white of the very highest quality, producing 100 per cent perfect blooms. Valuable as an exhibition or commercial type, constitution and habit of growth cannot be surpassed. Height 4 feet, any bud after August 15th.

MAJESTIC

Clear, shiny amber-bronze; a very brilliant shade of color, and a most attractive variety.

Price: \$1.00 per plant, \$10.00 per doz.



JOHN BALMER

NEW AND SCARCE VARIETIES

Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.

GODFREY'S FAVORITE

This variety came to us from England, and after an extended trial it shows itself to be quite valuable as a midseason reflexed white. Height 4 feet. Crown bud October 10th to 25th.

JOHN BALMER

A most attractive scarlet and bronze variety, but hardly large enough in size to be classed as an exhibition type. It shows up wonderfully well when used for decorative work in conjunction with the Autumn foliage. We can highly recommend this variety to commercial growers who are looking for a variety to fill the ever-increasing demand for a bronzy-scarlet. Height $3\frac{1}{2}$ to 4 feet. Crown bud after August 15th.



OLIVE

NEW AND SCARCE VARIETIES—*Continued***MISS GLADYS WOODERSON**

A splendid doer, sturdy, robust and most accommodating in every way. The broad, reflexing petals droop most gracefully and are of a brilliant rosy amaranth in color. A bud taken the end of August will give the most shapely and best colored flowers. Height $3\frac{1}{2}$ to 4 feet.

MRS. H. S. FIRESTONE

The outstanding novelty of its year. It is wonderfully massive, stem perfectly rigid and foliage right up to the flower. Color pinkish, chamois-buff. This variety will be found invaluable in the classes calling for "any other color" in the exhibitions. Height $4\frac{1}{2}$ feet. First bud after August 15th.

OLIVE

Light carmine with yellow reverse, rather thin grower, but perfectly rigid stem. The general effect of flower is most attractive. Height 4 to 5 feet. Any bud after August 15th.

WM. RIGBY

The yellow sport of Mrs. Gilbert Drabble; color beautiful, bright canary-yellow. One of the best exhibition yellow 'Mums introduced to date. Exact duplicate of Mrs. Gilbert Drabble in every way, except color.

Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS

The following list is all splendidly adapted for exhibition and a few of them are useful for commercial purposes also, but they are placed in this section because they are more generally shown on the exhibition table.

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100, except where noted.

ADMIRAL BEATTY

Color blush-white, with very stiff, heavy petals. One of the strongest growing varieties; enormous stem and foliage. Height 5 feet. Bud August 15th onward.

BOB PULLING

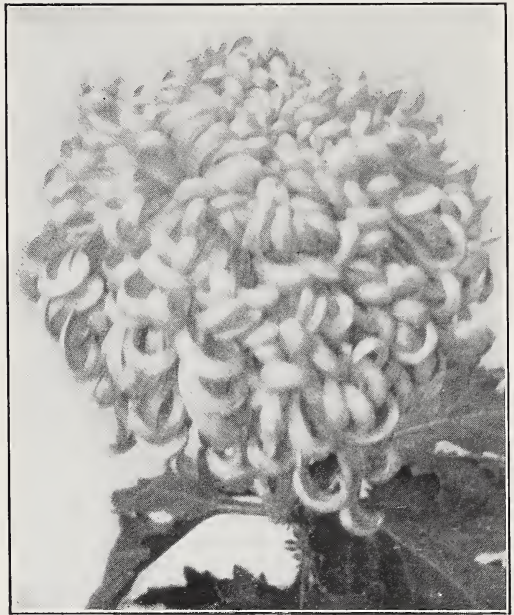
In this variety we have a wonderful 'Mum. Color, pure yellow; flower is extremely large and comes right down to the foliage. The individual petals are $1\frac{1}{2}$ inches in width and some 10 inches deep. Bud August 1st.

C. H. TOTTY

A glowing chestnut-scarlet; flower, stem and foliage are alike enormous. One of the best all-around Chrysanthemums we have ever introduced to the American trade.

CORPORAL J. FRED PIPER

Immense yellow on the type of the old Col. Appleton, but much larger, and altogether better in color and growth. Stem and foliage ideal. Corp. Piper is assured of a hearty welcome from growers of exhibition blooms looking for a really fine yellow. Crown bud any time after August 20th. Height 5 feet.



CORPORAL J. FRED PIPER



DELIGHT

DELIGHT

An immense reflexed pink that was awarded the Certificate of the C. S. A. Scored 92 points. Color, clear, bright rose. Size enormous. Stem perfectly stiff and able to support the flower perfectly. Any bud after August 15th. Height $3\frac{1}{2}$ to 4 feet.

ELIZABETH JAMISON

Purest white. Petals irregularly twisted and curved at the tips. Plant is very strong in growth, about 6 feet in height under favorable conditions. Foliage carried completely up to the flower, and the stem is perfectly rigid and splendid for the long-stemmed class.

EARL KITCHENER

Amaranth, with a silvery reverse. An enormous flower in a color not too plentiful in exhibition 'Mums at the present time. Stem, foliage and flower are alike tremendous. Bud August 20th.

ELBERON

Large Japanese incurved, similar to Louiseau Rousseau in type and color; strong grower, stiff stem, with foliage well up to bloom.

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS—*Continued***F. S. VALLIS**

Largest yellow in cultivation and indispensable for use in short vase classes.

GLENVIEW

A magnificent globe of dark red; dwarf grower with stiff stems.

KATHERINE TWIGG

White, with the faintest possible blush on petals. When well grown is a very fine flower, perfect in form and substance. Will rank with the finest of exhibition flowers. Growth about 5 feet in height. Bud August 20th.

LOUISA POCKETT

Color purest possible white. Mr. Pockett calls this his "greatest achievement," and has named it after his wife. Flower, stem and foliage are alike enormous. Plants need plenty of room to develop. Certificated C. S. A. Height 5 feet.

MISS ELVIA SCOVILLE

White sport of Wells' Late Pink, resembling the parent in every way except in color, and this is a pure clear white.

MISS RUTH TWOMBLY

Flowers absolutely perfect in form; color on the early buds occasionally veined with bronze and the later buds show considerable suffusion of this bronzy tint. This variety will line up with the best we have received from Pockett to date. More distinct than any other bronzy-yellow we are growing. Height 4½ feet. Bud August 15th onward.

**MISS RUTH TWOMBLY****MRS. CHARLES H. CURTIS**

An odd-colored flower of the largest size. The ground color is white and the petals are lined on either side with a brilliant pink stripe. A dwarf, beautiful grower, splendidly adapted for either pot growing or bench work, and especially useful in staging collections of cut flowers. Bud August 20th or later.

MRS. WOODROW WILSON

Classed by many growers this year as the early Turner. It was in full flower October 1st. Mrs. Wilson ranks as the earliest flowering white 'Mum so far presented; it is tremendous in size and every bud produces a perfect flower. Take bud August 5th to September 1st. Height 4 to 5 feet.

MRS. J. WILLIS BUHL

Crimson, of the very largest size and a welcome addition to this color, which is very much like Pockett's Crimson, but the plant is considerably taller in growth, running 5 to 6 feet. Bud about August 25th, gives best result as to color, size and finish of flower.

MRS. J. GIBSON

A phenomenal variety. Enormous alike in stem, foliage and flower; color light pink, shading to deeper pink lines on ends of petals. We exhibited this variety 10½ inches deep and 10 inches across. Certificated, C. S. A. and scored 89 points. Height 4½ feet. Bud as soon as possible after August 1st.

MRS. G. G. MASON

Very distinct variety; color blood red with a gold reverse, though very, very little of the gold reverse appears. Its marvelous color will make it eagerly sought for in making collections. Height 5 feet. Crown bud August 20th.

**MRS. J. WILLIS BUHL**

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS—Continued

MRS. GILBERT DRABBLE

On an early crown bud from August 10th, this variety produces a marvelous flower; petals are arranged in a whorl, rendering them most attractive.

MRS. J. LESLIE DAVIS (Pink Turner)

We introduced the original variety (white) in 1912, and two years ago we introduced the yellow variety. With the pink sort it completes the trio. It is absolutely identical with Turner in every respect save color, which is a clear lavender-pink. The growth and habit are a duplicate of the original parent and no other description is necessary. Pink Turner will find a premier place on its own merits. Height 5 feet.

MRS. R. C. PULLING

Clear yellow, an English variety, tremendous in size, which has made a wonderful showing in some of the exhibitions. Height 5½ feet. Crown bud August 10th and later.

MRS. G. LLOYD WIGG

Light yellow. One of the best varieties Mr. Pockett has ever sent out. Foliage right up to the flower and conforming in every respect to the ideal exhibition flower. Any bud after August 10th. Height 5 feet.

MRS. JEFFRIES

Deep old rose, with a tan reverse; very novel in color. Medium-sized flowers of dwarf, robust habit which will be largely grown as a pot plant. Season of bloom, November 15th, onward. Most unique in color and on this account should be popular.

MRS. E. KERSHAW

A splendid, warm bronze, with immense petals and artistically arranged. Tremendous growth of foliage and stem. A color that is sure to please the exhibition grower. Height 5 feet. Bud August 15th onward.

NADINE

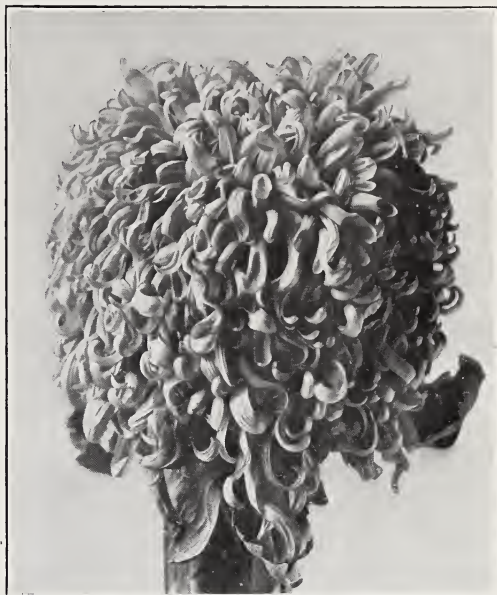
An exceptionally large golden bronze variety; free and graceful in habit. This variety will readily find itself in exhibition company, for it is a fine grower and can easily be grown by anyone. Height 5 feet. Crown bud August 1st, onward.

NAGIRROC

Finest exhibition bronze we have ever distributed; color, deepest glowing orange-bronze, 45 inches in circumference; every petal reflexing, showing the color to the best advantage. This is the variety exhibited at the shows under the provisional name of Golden Champion. Every bud makes a splendid flower. Stem and foliage perfect. Height 5 feet. Any bud after August 15th. Certificated C. S. A.

POCKETT'S CRIMSON

The greatest thing in its color ever sent out. Crimson with a gold reverse. Makes a flower 9 inches across; splendid grower, with foliage right up to the flower.



NAGIRROC (Golden Champion)

PRESIDENT JOHN EVERITT

Color, very unique chamois-buff; when first opening the petals are very closely incurved, forming a perfect ball, 27 inches in circumference. As the flower develops, the center petals open outward and show considerable of the bronzy-crimson reverse. Very dwarf, robust grower, and one of the largest flowers in the collection. Bud August 15th onward. Height 3½ feet.

PHILIP RICCI

May be best described as an improvement on Chas. H. Totty, which has been for years the standard chestnut-bronze in the exhibition type. Petals long and graceful, with the habit of the plant leaving nothing to be desired in foliage or stem. Height 5 feet. Bud August 15th and later.

PRIVATE JAMES GRESHAM

Terra cotta red with gold reverse. Strong healthy grower. Enormous reflexing flower. It is particularly strong and free and comes splendidly on any bud, either early or late. Height 4 feet.

PRIVATE MERLIE HAY

Warm, bronzy-red in color, with clean, heavy foliage right up to the flower. Certificated by the New York Florists' Club on October 14th. Take bud any time after August 10th. Height 5 feet.

QUEEN MARY

When taken on a bud in July produces an enormous flower; too early for any but the earliest exhibitions. Pure white in color.

STANDARD VARIETIES OF EXHIBITION CHRYSANTHEMUMS—Continued**ROSE DAY**

One of Pockett's masterpieces, and named in honor of his daughter. An exquisite flower of rose-pink; the lower petals droop and the upper petals are beautifully incurved. Foliage carried right up to the flower on immense stems, holding up the growth which is most vigorous and healthy. Height, 4 feet. Bud August 20th onward.

ROSE POCKETT

Old gold, shaded bronze. Purely an exhibition variety, but one of the finest kind sent out.

SERGEANT WM. E. YOUNG

An enormous bronze, larger and heavier than W. H. Waite, though hardly so bright in color. One of the kind that is indispensable for short stem classes. Stem fully able to carry the flower erect. This variety will make a place for itself among all exhibitors. Bud after August 15th onward. Height 5 feet.

THANKSGIVING PINK

Bright deep pink of even shade, which holds its color at all times and is a splendid companion for the Eatons and Chadwicks at Thanksgiving. Produces quantities of perfectly formed blooms and is a variety we strongly recommend as a late pink.

VERMONT

This variety won the C. S. A. Silver Cup in New York, 1918 Fall Show, for the best new variety not yet in commerce. It is a most welcome addition to our exhibition list of pinks. The flowers are of enormous size, reminding one very much of the old variety M. L. Rousseau. Every bud produces a perfect flower and we feel sure Vermont will rank as one of the very best pink varieties in cultivation. Bud August 1st to 15th. Height 5½ to 6 feet.

**ROSE DAY****WILLIAM TURNER**

The best variety we have ever introduced; it has created a sensation when exhibited at the shows. Makes a perfect ball of the purest possible white. One of the best commercial kinds also.

WILLIAM H. WAITE

Color, deep warm bronze, so brilliant as to seem almost shading to scarlet in some of the flowers. Bud early in August will develop, but bud taken around August 25th will show a more brilliant color. Height 4 to 5 feet. Certificated C. S. A.

YELLOW WM. TURNER

A light yellow sport from Wm. Turner; identical with its splendid parent in every respect, except in color; will be one of the most widely grown yellows for this season.

YELLOW POCKETT

Those who saw the magnificent flowers of Louisa Pockett staged at the New York Show realize that though we distributed Yellow Pockett to a limited extent we did not do it justice. It is a duplicate of Louisa Pockett in every way save color—every exhibitor simply must grow it.

**WILLIAM H. WAITE**



ALICE DAY

STANDARD VARIETIES COMMERCIAL CHRYSANTHEMUMS

Price: 15c. per plant, \$1.50 per doz., \$10.00 per 100.

ALICE DAY

An ideal commercial variety flowering October 10th to 20th. Certificated in New York and Philadelphia on the commercial scale, scoring 87 and 89, respectively; color purest possible white, with no poor buds; medium-sized foliage, which permits of rather close planting. One of the most perfectly formed varieties ever introduced.

ANTIQUE

A deep bronze sport of the favorite Dr. Enguehard. It is a duplicate of Enguehard in all respects save color. We recommend this variety to commercial growers where bronze varieties are popular. Treat similar to the parent in every way.

AUTOCRAT

Color snow white; growth dwarf and robust. We offer this variety as a late white, believing it will take its place with growers who are unable to handle Jeanne Nonin, as it can be brought in for Thanksgiving or Christmas, if desired; every bud forms a perfect flower.

BRONZE UNAKA

A bronze sport of the popular Unaka and to the commercial men will be a very valuable acquisition, since there are no other bronze varieties coming in so early in the season, the first week in October. Color very attractive bronze; any commercial grower who can grow Unaka should also grow this bronze companion—which is a duplicate in growth, foliage, and everything else except color.

CHIEFTAIN

A beautiful, incurving pink of perfect shape. Certificated in Boston, Philadelphia and Chicago. Perhaps the finest incurved pink commercial variety in cultivation today.

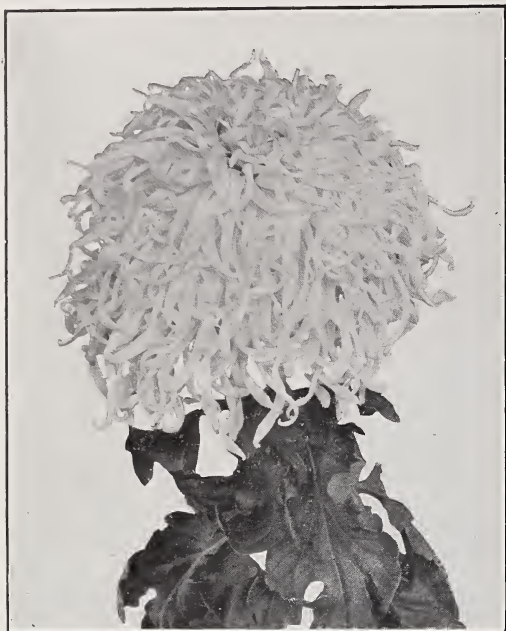
COLONEL APPLETON

At one time the most largely grown yellow in cultivation. It is too well known to need description.

CRYSTAL GEM

Clear white, strong grower, very easily managed, with a high percentage of perfect blooms.

STANDARD VARIETIES OF COMMERCIAL CHRYSANTHEMUMS—Continued



OCTOBER QUEEN

CHRYSOLORA

This variety can be briefly described as an early Col. D. Appleton, coming in 15 days earlier; is of larger size, stronger stem, not quite as tall, and in color is intermediate between this variety and Major Bonnaffon. Best buds are those selected August 1st to 15th.

CHAS. RAZER

One of the best known incurving whites.

DR. ENGUEHARD

Very largely grown as a late commercial pink.

E. A. SEIDEWITZ

One of the best late flowering pink 'Mums introduced to date. Can be had for Christmas, if desired.

EARLY FROST

Most popular early white, coming into flower September 15th onward.

GOLDEN QUEEN

Yellow variety, same color as Golden Glow; incurved in form. Matures about October 10th.

GOLDEN GLOW

Bright yellow. Can be had in flower almost all the year.

GOLDEN MISTLETOE

Owing to its lateness, this variety is valuable to the commercial grower. A light yellow sport from Mistletoe. Height 5 feet. Date of bud, September 30th.

HARVARD

Japanese reflexed, very dark crimson; in perfection November 15th and later.

IMPROVED GOLDEN GLOW

This variety we recommend with every confidence to those commercial buyers who are looking for something that is an improvement on Golden Glow. It can be cut the first week in October, having the advantage of Chrysolora by a week and producing a flower equally as large and satisfactory.

MAJOR BONNAFFON

Introduced many years, but still a very popular commercial yellow.

MARIGOLD

A monster yellow; flower unsurpassed both in size and color in its season; our first flowers of this variety were cut October 5th, this year. Must be secured on an early bud.

OCTOBER QUEEN

Beautiful flower of purest possible white; very large size; strong stem and fine foliage.

OCTOBER FROST

Blooms in early October and is the largest commercial white of its date.

OCTOBER HERALD

Orange-yellow, similar in color to Old Gold or Modello; reflexing form, with somewhat twisted petals.

OCONTO

White; fine, large blooms on very strong stems; largely grown for its period, which is early midseason.

ODESSA

Bright yellow, incurving form. A seedling from Merza, but much cleaner in growth.

ORANGE QUEEN

A burnt orange in color, coming at Thanksgiving time, its color in keeping with the season. Loosely incurved form, maturing November 20th from September 10th buds.

PACIFIC SUPREME

Bright pink, coming into flower about ten days after Glory of the Pacific.

PATTY

Very delicate, pleasing shade of pink. Good commercial variety and should be very popular. November 10th to 20th.

POLLY ROSE

Splendid white. Very easily handled and grown in large quantities for the wholesale market.

STANDARD VARIETIES COMMERCIAL CHRYSANTHEMUMS—Continued

ROMAN GOLD

Beautiful incurving bronzy yellow; excellent mid-season variety.

SMITH'S ADVANCE

One of the earliest large flowering white varieties; can be had by September 15th.

TEKONSHA

Incurving bronzy yellow, coming in for Thanksgiving. Strong, upright growth and very distinct habit.

TINTS OF GOLD

The earliest bronze variety to bloom. Can be cut in excellent condition September 25th.

UNAKA

The long-sought early October pink Chrysanthemum. A broad-petaled Japanese incurved of great depth and size for so early a variety.

WELLS' LATE PINK

One of the finest things sent out in its color in many years; flowering from November 10th onward. Crown bud after August 25th.

WHITE CHIEFTAIN

Pure white sport of the variety Chieftain; duplicate of the parent in all respects save color, which is a pure white. One of the most valuable commercial varieties in cultivation at the present time.

W. H. CHADWICK

White with a slight suffusion of pink; one of the most select blush-white market varieties. For Thanksgiving.

WHITE GLORIA

Pure white sport of Gloria.

WHITE MISTLETOE

A commercial incurved variety maturing at Thanksgiving or later. White tinged with pink.

WHITE SEIDEWITZ

White sport of the popular Seidewitz, resembling it in every respect except color, which is a pure white. This variety should rank, as does its parent, as one of the best varieties for Christmas blooming.

YELLOW ADVANCE

Yellow sport of the well-known Smith's Advance, coming in as it does the latter part of September. Yellow Advance is well worthy of a place in the early section which during the past year produced more adequate returns than the later varieties.

YELLOW EARLY FROST

The yellow companion for Early Frost, blooming in early October. One of the finest commercial yellows.

YELLOW POLLY ROSE

A clear yellow sport of Polly Rose; for early October.



FEATHERY, SPIDERY AND THREAD-LIKE VARIETIES

Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.



SAM CASWELL

AMATERASU (The Sun Goddess)

Heavy quilled petals which follow no set design but twist and curl like a very informal Cactus Dahlia. Color is yellow, as the name implies.

BENTEN (Goddess of Beauty)

Quilled petals, standing straight out from the center; color green gold at center with blood-red tips; no Chrysanthemum introduced to date has the peculiar shadings found in Benten.

DAIKOKU (God of Wealth)

Evidently a sport of Fugi, since it resembles it very closely, except that the petals are a combination of pink and pale green; each individual petal twists, showing the pink in one place and the pale green in another and when the whole flower is seen together it is very attractive.

JIUJITSU

This 'Mum reminds one of the old-fashioned peppermint sticks, inasmuch as half the petal is white and the other half deep pink. The petals alternating make this a most fascinating variety. Spidery type.

SAM CASWELL

Somewhat resembles White Thread, except that it is larger and the end of each petal is divided into three points; the color is a brilliant rose-pink and a spray of this variety is a pleasing and attractive sight. Feathery type.

TACHIBANA (The Orange)

Looks exactly like a mass of corn silk and when the flower is removed from the stem it is impossible to believe it to be a flower; certainly no one would think it was a Chrysanthemum.

WHITE THREAD

A beautiful and interesting variety resembling nothing so much as a quantity of short white threads growing on a stem. In contrast with large varieties in any exhibition it always calls forth great interest. Thread-like type.



WHITE THREAD



TACHIBANA

JAPANESE ANEMONE CHRYSANTHEMUMS

The Anemone 'Mums should not be confused with the Singles or Pompons. They are entirely distinct and are readily identified by the large, central boss, composed of a myriad of smaller short petals.

Prices: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

CLEMENCIA

Deep pink, shading to a deeper pink in the center cluster; this latter is very prominent, since it is just crowded with petals and reaches across the flower about 4 inches.

ELEANOR

A lovely, dainty shade of Enchantress pink. Whether grown as a large-flowered variety or to be cut in sprays it is equally beautiful and should be in every collection.

EUGENE LANGAULET

Deep golden-yellow. Most popular variety in its color in the cut flower market.

GARZA

Pure white flower; very largely grown.

GODFREY'S PERFECTION

Late variety which comes in excellent condition for Thanksgiving. Dwarf, robust habit, very stiff stem. Color of flower a beautiful, clear white.

GOLDEN LIDA THOMAS

Rather tall, deep golden-yellow flowers; very valuable on account of its late blooming habit. Can be kept for Christmas, if desired.



CLEMENCIA

GRAF VON ORIOLA

Strongest grower of the set; color pure rose-pink; tubular petals in center tipped gold; ends of the outer petals incurve slightly, making a bold and striking appearance; very bright foliage.

GRAF VON FLEMING

This is a charming variety; color of the purest pale lavender; the petals of this exquisite flower are very narrow and refined; the outer petals are tubular until they reach the edges, where they open and droop back.

INNOCENCIA

Outer petals of pure white; central petals most beautifully flushed pale pink; edges of the tubular petals in center of light yellow. Fine growth; an exquisite variety.

JUNO

Deep lilac, shading to white; the center head being loose and graceful and of a deeper shade than the outer petals; a magnificent variety in its color; foliage and stem all that can be desired.

MRS. OWEN WINSTON

Remarkably brilliant yellow, with a deeper center. This is a very handsome growing variety, clean cut and vigorous. One of the best to be grown for cut flowers for the commercial market.



GRAF VON ORIOLA

JAPANESE ANEMONE CHRYSANTHEMUMS—Continued



JUNO (See page 21)

PEPITA

Pale pink on outer petals, with an orange-yellow center; a delightful combination as seen in this type of Chrysanthemum. This flower is much heavier than many of the other varieties; the petals being of such strong texture permits of its being shipped considerable distance and arriving in perfect shape.

SPRING HILL

Blush white with yellow anemone center. This variety has excellent substance and petalage. The stem is very rigid and particularly valuable on this account both for cut flowers and pot plants.

Prices: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

SUNSHINE

One of the best late yellow Anemone 'Mums so far introduced. Can be grown in large quantities for the Thanksgiving market and has proved itself a variety for which there will be considerable demand.

SURPRISE

Brilliant rose-pink; one of the largest and very finest in this section.

TITIAN BEAUTY

Color deep, rich bronze, shading in the center to scarlet. One of the most striking of the collection; outer petals reflex showing the center to advantage. Strong growth, with heavy dark foliage.

WEE WAH

This is a gorgeously colored sort; the general effect is terra cotta, shading to bronzy yellow. The outer petals are very brilliant and distinct looking, as though gold dust were powdered over their crimson-yellow color. A very fine dwarf grower.

WILFREDA

Outer petals pale yellow; center petals bronzy, tipped straw-yellow. Fine strong grower with flowers on long, stiff stems.

YELLOW PRINCE

Maize-yellow, with center of brilliant orange-yellow. One of the best in growth and color.



PEPITA



TITIAN BEAUTY



MRS. CHAS. H. PECK

Pot Plants, Caps and Decorative Varieties

The following varieties are listed separately for the convenience of the buyer, and are all particularly adapted for pot plant work. These are the kinds usually grown for the wholesale markets in large quantities. They are often handled very satisfactorily by being planted out in the open ground in May, kept pinched into shape and potted September 1st. So treated they are a very profitable crop, blooming from October 15th to the end of the season, according to variety.

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

CRIMSON QUINTUS

Excellent decorative variety; deep crimson, with splendid contrasting foliage of dark green.

CRIMSON SOURCE D'OR

Crimson sport of Source d'Or, the showiest variety of all the decorative types.

FLORENCE STANTON

Bronze, incurving variety, largely grown for pot plants.

LIZZIE ADCOCK

Deep yellow sport of Source d'Or. Precisely like the parent in every respect as to growth and culture.

MRS. CHARLES H. PECK

This is a distinct and sensational acquisition as a Decorative variety. Color, brilliant bronzy-amber. If the grower wishes it can be disbudded to four or five flowers on a stalk; an exceptional variety in every way.

WHITE MRS. FILKINS

A pure white 'Mum, producing many flowers on a plant. Nice stiff stems, excellent for cut flower work and very novel in petalage.

THE CAP FAMILY

BARBARA DAVIS

A rich shade of reddish bronze, of dwarf habit.

YELLOW CAP

Brilliant yellow sport of Caprice.

WHITE CAP

Pure white sport of Caprice.

BELLE MAUVE

A good, all-around variety; rose-pink in color, very largely grown.

MRS. GREENING

Pale pink sport of Caprice.

PURPLE CAP

Bright purple sport of Caprice.

BUTLER'S CAPRICE

Deep pink sport of Caprice du Printemps.

KATHLEEN THOMPSON

The crimson sport of Caprice.

LILAC CAP

Deep lilac sport of Caprice.

HARDY GARDEN SECTION

The varieties that follow are all perfectly hardy, providing they are grown in a section that is not too wet. If the stock plants are water-soaked all Winter, or frozen up in cakes of ice, they will not survive, but given congenial growing conditions and a slight protection of dry leaves with pine branches over them to prevent the leaves blowing away, they will come through without any trouble. Then in the Spring, after they commence to grow, they should be divided so just one shoot will remain to make the future plant. While the first frost will blast the flowers that are developed at the time, it will not injure the unopened buds, and the outdoor 'Mums can be enjoyed to their fullest extent all through the lovely "Indian Summer" weather.

Early Flowering Chrysanthemums

This type of Chrysanthemum deserves a place in every garden, coming as it does after the Summer flowers have begun to wane, and continuing to bloom profusely in most places until well into November. The cultivation of these 'Mums is simple: Plant them in a rich, well-drained piece of ground, setting out the plants a foot apart and pinching them once or twice during the months of May or June. They will branch out and make beautiful bushes and give the cultivator more return for the labor expended than any plant in the garden. There is a place for this type of 'Mums in every garden in America, whether one has green-houses or frames, or not. Some growers who have grown these as pot plants have had great success with the same and we can recommend them highly for that purpose.

PROTECTION

The best method of protection for the Hardy Chrysanthemum is as follows: After they are through flowering about the middle of November, cut the dead stalks down to within 2 or 3 inches of the ground. Cover the crowns over with dry leaves to a depth of 3 or 4 inches, and then place chicken wire or evergreen boughs over these leaves to prevent them blowing away. Be sure that all danger of frost is past before this covering is removed in the early Spring, and you will find your plants will come through with practically no losses.

STANDARD VARIETIES

Prices of these varieties: 20c. per plant, \$2.00 per doz., \$15.00 per 100.



CRANFORDIA (See Page 25)

A. BARHAM

A beautiful orange-bronze and the first variety of this color to come into flower. Shows up wonderfully well under light when used as a decoration.

BELLE MAUVE

Mauve in color; a first-class variety; blooms early and is very free blooming.

BILLANCOURT

Wonderfully strong, vigorous grower, plant makes a perfect bush; color brilliant terra cotta, shaded bronze. A splendid variety in every way.

BORDER BEAUTY

Orange-colored petals tipped with gold.

CRANFORD PINK

Beautiful shade of light pink.

STANDARD VARIETIES—Continued



CRANFORD PINK (See page 24)

CANDIDA

This is the variety that is grown by the million in Europe, under the name of "Sanctity," etc. The color is absolutely pure white, and when grown without being disbudded produces masses of pure white flowers, which are wonderfully effective.

CARMELITE

Deepest golden yellow; very free.

CHAS. JOLLY

Bright, rosy-pink; splendid variety and popular with everyone.

CRANFORDIA

In this variety we have an early flowering 'Mum that covers every possible point; perfect in flower and stem; foliage up to the flower and every plant will carry twelve to twenty beautifully finished flowers. Color deep, bronzy-yellow.

EVELYN

Crimson-bronze, in full flower September 20th.

FIRELIGHT

Brilliant carmine, shaded with scarlet. In perfect condition to cut October 1st, either outdoors or under glass. The earliest and best thing in its color.

GLORY OF SEVEN OAKS

Golden yellow; dwarf growth. Very free flowering.

HELENA

Chestnut, shaded gold, with edge of petal tipped gold. In full flower September 18th.

HENRI VINCENT

This variety proved itself to be by far the most profitable Chrysanthemum we have had in our greenhouses, coming into bloom as it does October 1st.

HORTUS TOLSANUS

Color old gold, shaded reddish-bronze; habit of plant is ideal, whether grown as a pot plant or single flower.

L' AISNE

Violet-purple; dwarf; sturdy habit and free flowering.

LA RHIN

Reddish terra cotta; stiff habit.

LE TAGE

Terra cotta bronze. An old but reliable variety.

MRS. HARRISON CRAIG

One of the most unique colored varieties we have ever handled or disseminated, the groundwork of the petals being yellow overlaid with brilliant orange-crimson, which on first inspection looks as if it were fine powder sprinkled over the flowers.

MRS. DEAN EMERY

Color, brilliant chamois-pink, on the style of Le Pactole; flower exceptionally large and distinct, and wonderfully lasting. Stem and foliage ideal.

MME. MARQUIS

Blush-white, fully developed October 1st. Amply repays for disbudding and good care.



SMITH'S ADVANCE (See page 26)



MRS. HARRISON CRAIG (See page 25)

STANDARD VARIETIES—Continued

MME. AUGUST NONIN

Large, delicate pink flowers.

NORMANDIE

Creamy-white; magnificent variety. The earliest and perhaps the best.

PETITE JEAN

On the same order as Perle Chatillonnaise, but comes into flower about a week later. Color, pure white with a light yellow center.

SMITH'S ADVANCE

One of the earliest of the large flowering white varieties that can be gotten in by September 15th, and blooms profusely in great masses in the hardy garden by October 1st.

SOURCE D'OR

Sometimes called "Golden Feather," a wonderful variety when grown in sprays or as a pot plant. Deep reddish-bronze.

TINTS OF GOLD

The earliest bronze to flower, and makes a wonderful glowing bush if not disbudded. When the individual flowers are disbudded they will produce flowers as large as the greenhouse sorts.

YELLOW ADVANCE

The yellow form of Smith's Advance, identical in every respect except color, which is a bright golden yellow. Flowers very large and full.

YELLOW FROST

The bright yellow variety of the ever-popular Early Frost, coming into flower early in the season.

YELLOW NORMANDIE

Clear, bronzy-yellow sport of Normandie. Earliest yellow to come into flower.



TINTS OF GOLD



RED BIRD



YELLOW ANEMONE



WHITE ANEMONE

Novelty Hardy Anemone Chrysanthemums

The following are a decided acquisition to the Hardy Garden Chrysanthemums, since we have very few Anemones that come into flower early enough to give satisfaction in the garden. The following have been tested for the last two years and have been found most suitable for this purpose.

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.

RED BIRD

Deep ruby-red, with green, golden-crested center; when slightly disbudded and grown in sprays this makes a magnificent variety. Most unusual color combination in this type.

YELLOW ANEMONE

Deep primrose-yellow, with deeper bronzy yellow-tufted center; about three rows of outside petals, with each succeeding row decreasing in size toward the center. Most easily described as "Jonquil" yellow.

PINK ANEMONE

Amaranth-pink, with mustard shaded center; very vigorous grower, splendid stiff stem, with very heavy texture to petals. Wonderfully effective when grown in sprays.

MISS HELENE BORMAN

Terra cotta bronze, with loose crested center of pale buff, the tips of each of the crested petals are split, showing the terra cotta shadings like the outer petals. A variety that was much admired by the visitors at our greenhouses this Fall.

WHITE ANEMONE

Milk-white with rich, creamy-yellow center; a great improvement over existing sorts, and the very earliest white Anemone to come into flower. Wonderful foliage, very clean grower, and stiff stems; center raised high from the surrounding petals, making this variety most attractive.



MISS HELENE BORMAN

NOVELTY SINGLES FOR 1924

The following list of Singles are the finest we have sent out in many years. When one considers the many fine novelties that have been previously introduced, it is unnecessary to give them any further recommendation.

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.

JULIA

Amaranth-pink, with silvery reverse and white zone around the center of the flower; very much the color of the old and well-known Lord Kitchener. Very heavy grower, having several rows of petals, making it a splendid keeper and shipper.

YELLOW GLORIANNA

Pure yellow sport of the bronze variety Glorianna, which we distributed two years ago. This variety is one of the largest and most distinct Singles for the hardy garden.

RUTH C. DENNISSON

A bright yellow Single that is destined to take the place of Golden Mensa, since it is a great improvement over that variety, and comes into flower three weeks earlier. Very heavy flower, stiff petals of good texture, and one of the best we have introduced in the Single type.



JULIA

SARAH

A bronze Single, growing in clusters of seven to eight flowers on a spray, reddish terra cotta bronze, with bright green center. Each individual flower has several rows of petals, making it a very valuable keeper and shipper. Very handsome foliage, a delightful contrast to the brilliant, rich flower.

IDA

Pure sea-shell pink, a color that we have not had in Singles up to this time. The outer petals reflex and the inner petals are cup-shaped around the bright yellow center. Very handsome, dark green foliage, and a variety we strongly recommend to growers who favor the more delicate shades.



RUTH C. DENNISSON



CHARLES FAIRS

SINGLE CHRYSANTHEMUMS STANDARD VARIETIES

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

ALICE HOWELL

A rich shade of orange-yellow in color. By far the most attractive of any of the yellow single varieties.

ANNA H. CONDUCT

Greatly resembles Glorianna in color and shape, though the flower is considerably heavier as to texture and more artistic in arrangement of flowers on the stem. Dark, heavy foliage, and very rigid growth.

ARABY

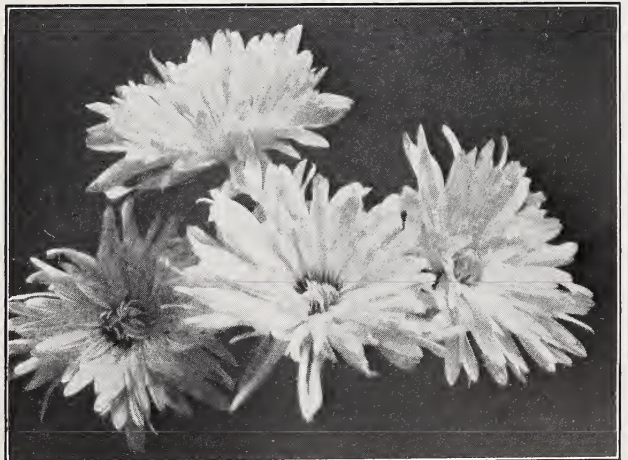
A pure white seedling of very vigorous habit and growth. A decided improvement on Mensa, the petals are of excellent texture and the flower is a very fine keeper and shipper.

BEATRICE

Brilliant old-gold with lighter shadings in the center; one of the most popular varieties ever staged on the exhibition table. Foliage broad and glossy and stem very rigid.

BERTHA FAIRS

Brilliant rose-pink; one of the earliest to come into flower with us, as it was fully open around the third of October. Valuable as a garden variety on account of its early season of blooming. Color most exquisite.



ARABY

SINGLE CHRYSANTHEMUMS—Continued

BRONZE BUCKINGHAM

When we say this variety is a duplicate of its parent in every respect except color, little more description is necessary, for Buckingham is one of the best known Singles. Color is a cheerful glowing bronze, and the commercial growers who are handling Buckingham for market flowers, will welcome this bronze companion with open arms.

BRONZE MOLLY

Color clear tawny yellow. A Single that is enormous in size both as to flower and plant. The plant, under favorable conditions, will attain a height of 6 feet clothed from top to bottom with luxuriant foliage. Individual flowers without disbudding will run $4\frac{1}{2}$ to 5 inches across. This is an English raised variety and a giant in every way.

CHARLES FAIRS

Bronze, with a very stiff outstanding petal and compact, dwarf habit. The stem is stiff and the foliage dark and luxuriant. A splendid keeper and shipper, and one that will make its own place. Was the most attractive of all the bronze varieties we grew this year.

CHARLOTTE WAITE

Deep rose-pink, with bright yellow center. This variety has been grown outside the last three years, and is absolutely hardy. Splendid dwarf habit which does not require staking. Plant will make a round, compact bush 2 to 3 feet across, and when fully in flower, its lovely pink blossoms are a sight not easily forgotten.



BRONZE BUCKINGHAM

COUNTESS EGMONT

A splendid amber-bronze with a lighter shading in the center of the flower, conforming in all respects with the very finest types of Singles, that have made the name of Totty famous. Stem and foliage ideal in growth and habit.

DAINTY

A seedling from the old Indicum, and for those who are looking for something different for made-up work, such as dinner table or basket decoration, will be of great service. It is a fine, compact grower, good either as a pot plant, or planted out in the open. It has very delicate stems, but as stiff as wire. The flowers are a pleasing yet somewhat strange combination. The buds are reddish bronze, the opening flowers a yellowish-pink, and the full open flowers a delicate rose-pink. The flowers are small and Daisy-like. It is altogether a simple and beautiful variety and well named "Dainty."

ETHEL MAY JOHNSON

Clear shiny-bronze, rather tall grower, but very distinct and striking in color. Disbudded this variety will give flowers 7 to 8 inches across.

EXCELSIOR

A gorgeous variety. When first opening almost a scarlet, which afterward changes to bronze and flame-color. One of the very largest and most attractive Singles ever introduced.

FERNRIDGE

When first opening it is practically a brilliant scarlet, which gradually fades to a terracotta. Light, graceful growing variety and in color one of the most attractive ever sent out, as a bright gold zone around the center makes a beautiful combination of scarlet and gold, not often seen in a Chrysanthemum.



DAINTY

SINGLE CHRYSANTHEMUMS—Continued

GENEVIEVE

Vivid deep spinel-red. Flowers very large and most attractively arranged on the stems. If slightly disbudded will give flowers 6 inches across, about seven on a stem. Fine, stiff stem and handsome foliage.

GLORIANNA

Bronzy-amber with pink shadings. Plant is an excellent grower, with perfectly stiff, erect stems. Free flowering. A most desirable all-around variety. Awarded a Certificate by the Chrysanthemum Society of America.

GODFREY'S BRONZE

A scarlet bronze, with shiny yellow zone in center. A specially strong, robust grower, and very free flowering. Form, ideal grown as a pot plant, and splendid foliage.

GOLDEN MENSA

The parent of this variety, Mensa, is probably the finest Single that has ever been raised. It is of a wonderful size, with enough petalage to enable it to be shipped thousands of miles and come out of the box in perfect condition. In Golden Mensa we have a yellow sport of the same, identical with Mensa in every way except color, which is a bright, golden yellow.

GRANT B. SCHLEY

Late variety, growing considerably taller than the average Single; splendid for Thanksgiving and later. Color, lovely combination of orange-gold, changing to bronzy-scarlet. Created more favorable comment than any other variety in our exhibition house this Fall.

H. MARIE TOTTY

We consider this the finest Single we have ever had the pleasure of introducing. Color is a brilliant crimson, with scarlet shadings near the center of the flower.



ETHEL MAY JOHNSON (See page 30)



IDA CATHERINE SKIFF

HELIOS

Chestnut-scarlet, occasionally flecked with yellow at the tips. The individual petals twist back, making the flowers look as though the petals were quilled. Foliage and stem particularly pleasing.

ISABEL FELTON

Classed in Europe as the very finest yellow; with us, the growth is rather tall and the flower has considerably more color than Golden Mensa.

JOAN MARIE PIPER

A very distinct variety of coppery-bronze. The petals do not open flat as is the case in most Singles, but remain tubular until a week or so after the flower opens, when the tips of the petals show a rich, crimson color. One of the daintiest and most novel Singles of our entire collection.

JOSEPHINE SCHOLTMAN

Pale lilac in color with white zone around the immediate center of the flower. This variety was well shown at the Cleveland exhibition, where it was much admired, on account of its delicate shadings.

IDA CATHERINE SKIFF

Most quickly described as a greatly improved Yvonne; color is a brilliant bronzy-amber, flowers large and well placed on the stem, needing no disbudding, owing to the length of the foot stalk; an invaluable variety for cut flower work.

KATHLEEN MAY

Very brilliant crimson, with some six rows of petals, making the flower almost too heavy to be called a Single, although it has the open center of the Single types. Stiff stem and foliage ideal.

SINGLE CHRYSANTHEMUMS—Continued



MRS. MAX BEHR

KITTY RICHES

For years we have been trying to produce a pink Single that could be brought into the market early and in this variety we have achieved our ideal. The color is a dainty pink, much like Mrs. Buckingham, and sells on sight.

LADY ASTOR M. P.

A splendid, deep crimson, much the finest thing we have had in this color. Lady Astor is a late blooming variety and can be brought in for Thanksgiving very easily if desired.

LARCHMONT

Creamy-white with pale lavender edges. This Single is unique in its habit of growth on each individual flower. The outer or lower row of petals spread out considerably, then the succeeding rows of petals over this gradually reduce in length of petal until the center of the flower shows up. The little short lavender petals form a collar around the daisy-like center of the flower.

LILY NEVILLE

White, of great substance and size, with solid flowers nicely arranged on the stems. This variety is also adapted for pot plants as well as cut flowers, since it is a dwarf, stiff grower.

LIZZIE MONSON

A crimson Single, so brilliant in color as to approach the much desired scarlet. A very fine, sturdy grower, and most attractive.

LOUIS SPEARS

Brilliant chestnut-crimson; plant a very strong grower, needs to be disbudded as the flowers are rather closely placed on the stem.

MENSA

Purest white. This is a splendid variety. Certificated by C. S. A.

MISS ISABELLE

A sport of Mrs. E. D. Godfrey, and comes to maturity for Thanksgiving Day. Bronze color with a silvery reverse to the petal.

MILLCENT PIPER

Most quickly described as an earlier Mensa, coming into boom 10 days before Mensa. This variety was in the market and sold before Mensa was ready to ship and proved itself a most profitable sort.

MILDRED PRESBY

Color bright lavender pink, with petals curling slightly toward the tips, giving the flowers a novel appearance. Magnificent foliage and stiff stem all go to make this one of the best introductions to date.

MISS RUTH S. BERGEN

Brilliant amaranth with a straw-yellow zone around the center. This variety was raised outdoors without having ever been grown in a greenhouse and is particularly strong and healthy.

MRS. MAX BEHR

Shiny chestnut-scarlet; very dwarf grower and the flowers are closely placed together, therefore, should be slightly disbudded to give best results.

MRS. W. E. BUCKINGHAM

Midseason pink, has proved itself one of the best varieties for cutting or market purposes ever introduced.



LADY ASTOR, M. P.

SINGLE CHRYSANTHEMUMS—Continued

MRS. CLIFFORD BRIGHAM

This variety has but a single row of petals, but the color is so very fine and bright we cannot ignore its claims. This is the nearest approach to scarlet we have in 'Mums and the color is greatly enhanced by the deep yellow center. Most effective in collections.

MRS. CHARLES CLEARY

Brilliant bronzy-red with yellow zone around the center. Stem is very stiff and habit of the plant very fine.

MRS. F. NORRIS COLLINS

A bronze sport of the popular Grant B. Schley. A splendid, deep rich bronze with golden yellow center. One of the finest Singles we have introduced in many years. Rather a tall grower, attaining a height of 5 to 6 feet.

MRS. E. D. GODFREY

Light pink; same shade as Lady Hopetoun; very finest variety for Thanksgiving market; very strong grower and more largely grown than any other Single.

MRS. C. S. McKINNEY

Bright buttercup-yellow. A superb variety in all respects. This has several rows of petals and a deep green center—a charming contrast. Stiff stem and nice foliage.

MRS. ALBERT PHILLIPS

Deep lavender in color, one of the earliest of the Singles to develop this year; fully open October 5th. When first opening the contrasting color is a lovely cream, charming and beautiful.

MRS. JOHN A. STEWART, JR.

A lovely bronze with yellow zone immediately around the center disc; just the color that associates itself with Autumn foliage.

MRS. LOU THOMPSON

Primrose-colored sport from Mensa. Must not be confused with Golden Mensa, which is considerably deeper in color.



MRS. F. NORRIS COLLINS

MRS. W. H. WAITE

The flowers open a soft Enchantress Carnation pink and when fully expanded, are pure white. The combination of the two colors, of the opening, and full open flowers, make a charming combination.

MRS. E. H. WELLS

Petals creamy white in center, shading to palest lavender on outer edges; refined and beautiful flower, the admiration of all who have seen this variety both in greenhouses and at the exhibitions.



EXCELSIOR (See page 30)

GOLDEN MENSA (See page 31)

MRS. W. E. BUCKINGHAM (See page 32)

SINGLE CHRYSANTHEMUMS—*Continued***PORTIA****PHYLLIS BRYANT**

Sulphur yellow. The flower is absolutely perfect in outline and one of the very finest yellows.

PORTIA

Deep salmon-bronze, shading in center to a bright flame; splendid habit. This variety created a sensation wherever shown at the Fall exhibitions.

**VERONICA****SUPREME****ROSE M. DALY**

The plant makes long, graceful sprays on fairly wide foot-stalks. The color is a splendid, deep yellow, deeper than any other yellow variety in the house this year and we highly endorse this variety to give entire satisfaction to anyone growing it.

ROUPEL BEAUTY

True American Beauty in color, very large flowers with bright yellow center; very attractive flower and novel color.

STANLEY VEN

Lovely rose color; sprays are well divided, doing away with the necessity of any disbudding. Certificated at Philadelphia, Boston and Chicago. This variety has been on the market five years, but we have been unable to find anything to displace it in its color to date.

SUPREME

Glowing crimson; much the finest thing in this shade we have ever introduced. Flowers are well divided on the stem and need no disbudding as they are extra large in size. Supreme will be the standard crimson another year.

VERONICA

A chastely, beautiful variety; lower petals delicately flushed the palest possible pink, the center of the flower is white, the petals instead of coming to a point as many Singles do, are delicately rounded. The plant is ideal in growth and will carry six or eight flowers on every spray as the foot-stalk is long and the flowers equally well divided.

VIVIAN COOK

A delightful addition to the already large list of yellow; coming in as it does a week before Golden Mensa, with a larger flower, it fills in nicely; the color is a brilliant canary-yellow, somewhat different from any other yellow ever sent out.

Novelties in Hardy Types for 1924

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.

While the following list may not conform strictly to the Pompon types, they are all wonderfully beautiful, and are well worth being grown in every collection.

We received upward of a dozen Certificates in the Hardy section this year, and we are sure some of these varieties will find a lasting place among the hardy garden flowers.

BRONZE QUEEN

Almost identical in color with Anna L. Moran, but two weeks later in blooming; a brilliant flame red, deepening in color as the flower ages.

GOLDEN STAR

A very handsome variety, dwarf erect habit, with stiff stems. The petals are narrow and beautifully whorled, giving a flower of deep yellow and an effect of grace and charm not often seen.

MARY ANN

Light pink in color, a great favorite with the visitors to our establishment this Fall. Excellent in foliage and stem.

MISS HELEN TAIT

A particularly vigorous pink, almost too large for a Pompon, but makes a wonderful show in the garden. Flowers very resistant to weather conditions and will keep outdoors in good condition for many weeks. Growth stiff and robust.

PHYLLIS TYSON

A lovely variety of the large Anemone type. Color is an exquisite shade of salmon-bronze. We consider this the best of the hardy seedlings of the year.

PINK POPCORN

A counterpart of the white in every way, except color, and this is a clear, handsome shade of pink.

PRIMROSE

As its name implies, a primrose yellow in color, Pompon Anemone in type, with a very prominent central disc.

WHITE FEATHER

This is a most attractive variety. The petals are very narrow, as in Golden Queen, and split on the ends into several segments, giving the flower the appearance of having numberless small white hooks on the ends of the petals. Color is pure white, and stem is very rigid.

WHITE POPCORN

Lovely ball of pure white, ideal in growth with very stiff stems. Flowers are well divided on the spray. One of the best cut flower varieties.

IMPROVED POMPONS OF RECENT INTRODUCTION

Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.

ADELAIDE

A splendid, deep, rich mahogany; one of the earliest to develop, being ready to cut by October 10th. Strong, healthy grower and a desirable variety in every way. About 4 feet high when well grown.

ANNA L. MORAN

Of all the many Chrysanthemums we have distributed the last fifteen years this is our favorite in the Pompon section. The color is splendid—a brilliant, flame-scarlet, so vivid as to be easily the most striking flower in the entire collection. The individual flowers on this Pompon are large, on the order of the Doty type.

BRONZE DOTY

Deep terra cotta bronze, like both of the foregoing varieties of the Doty family, it is also of splendid habit, stiff in stem and free flowering. The deep terra cotta red is enhanced considerably by the old-gold shadings throughout the petals.

CAPTAIN COOK

Taller in growth than the average Pompon, running the same as Lillian Doty. First Pompon to open and the color is a lovely shade of rose-pink. Far ahead of anything else in its color at the time of blooming.



ADELAIDE

CLARA JAMESON

Lovely combination of bronze and scarlet. One of the showiest varieties in our garden this past Fall; keeps blooming profusely, even after heavy frost.

CONNIE DICK

This has been aptly termed the "Yellow Doty." It is almost identical in every respect except color, which is a clear glowing yellow; very striking in contrast with other varieties. We feel that Connie Dick is the most valuable variety ever introduced in the large flowering Pompon section, as the habit is ideal; growth strong, and stiff stems with glossy foliage, a fascinating variety seeming to possess every desirable quality.

FRANCES HUCKVALE

Gardenia white, with a creamy shaded center. Far in advance of Queen of the Whites, or any other Pompon.

FLORHAM QUEEN

A lovely blush white; flower is almost a globe when fully expanded. Ideal in growth and the arrangement of the flowers on the spray is superb, as the buds are well separated and have ample room for development with little, if any, disbudding.



ANNA L. MORAN

IMPROVED POMPONS OF RECENT INTRODUCTION—*Continued*

HARRIET SYKES

A lovely, dwarf rose-pink that was much admired with us. This variety will make an ideal pot plant and will be very useful coming in as it does about a week before Western Beauty, which it resembles in style and color.

HELENA FLINT

Rich old gold in color; and a duplicate of Doty in form, growing habit, foliage, etc., etc. A very fine acquisition to the Doty type, we have been growing for a number of years.

INDIAN HILL

A stocky, stiff-stemmed variety; deep yellow, flecked throughout with crimson which gradually fades out as the flower ages.

JULIA DE WITT

Bright bronzy-amber with deeper shadings. A dainty and exquisite variety.

MARIANA

Large, snow white flowers on long stems that are splendid for cut flower work.

MARY FERGUSON

One of the earliest Pompons to develop, and particularly valuable on that account. Color clear light pink, flecked and flushed with a yellowish bronze. A most attractive variety, and a very dwarf grower.



MRS. HENRY F. VINCENT



MRS. CHESTER ROBINSON

MRS. HENRY F. VINCENT

An exquisite shade of fawn and bronze with salmon-pink shadings, a color that was one of the most popular shades in New York during the season just past. This variety also is very strong in growth and the foliage is perfect in every way. We predict this will be one of the most popular Novelty colored Chrysanthemums when generally introduced.

MRS. NELLIE KLERIS

This variety is an improved Lillian Doty, but the color is more evenly diffused over the flower. The blooms are equally as large as Lillian Doty, but better divided on the stems. A fine, sturdy, dwarf grower.

MRS. CHESTER ROBINSON

This variety is a very tall, strong grower, running 4½ to 5 feet tall in the benches. Flowers are very large, as large or larger than Doty, which it somewhat resembles, though it is deeper in color, being a lovely old rose shade of pink. Exceptionally robust in growth, with the stalk rigid and every flower well divided on the stem, so that no disbudding is necessary.

MRS. CHARLES H. STOUT

An improved Pompon, one of the hardiest and most satisfactory to grow. When first opening is a delicate bronze with a lovely deep pink center. As the flower develops, this color fades out to the tiniest pin-point of lavender on the tip of each petal, making a wonderfully striking color. Very dwarf in growth, and can be specially recommended as a pot plant.

IMPROVED POMPONS OF RECENT INTRODUCTION—*Continued***MRS. ROLAND VOIGT**

A welcome addition to the already numerous pink varieties of Pompoms that we have distributed the past three years. This variety is ready to cut outdoors the last week in October, and is a lovely deep lilac pink in color, which retains its color under the most adverse weather conditions.

MRS. H. HARRISON

One of the first of the Pompoms to come in flower, being in excellent condition to cut outdoors the middle of October. The color of this variety indoors is a dainty, exquisite blush. As grown outdoors it is several shades deeper. Mrs. Harrison has a very vigorous constitution and makes a beautiful bush outdoors.

MRS. FRANCIS H. BERGEN

Creamy white, with center of rosy-pink, shading to lighter pink in the outer edges. As the flower ages it changes to a charming pale lavender. We consider this the most valuable of the many sorts introduced for garden work; blooms October 25th.

NELMA PUTNAM

The outer petals of this variety are rose-pink shading to pinkish-bronze in the center, and the very center of the flower is creamy-yellow. The color effect is very pretty.

RED DOTY

Wine-red, with a silvery reverse on underside of petals and showing up distinctly in the short, crisp, center petals. A duplicate of Doty in form and habit, and three times as large as that favorite variety. One of the finest, if not the finest, we have distributed in several years.

SARDI VORRO

A unique color, brilliant salmon shading to shining bronze; dwarf in habit, not over 2 feet; one of the first to bloom in the garden and one of the most cheerful in appearance.

HARDY POMPON CHRYSANTHEMUMS

Standard Sorts

Some of the best known old favorites are included in the following list, and many will bloom outdoors up to Thanksgiving.

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

BABY

Everybody's favorite. The smallest yellow variety grown.

BABY MARGARET

Said to be a pure white sport of Baby; a very beautiful thing.

BECKY McLANE

Small bronze late flowering Pompon, in full flower for Thanksgiving or can be held later if desired.



MRS. H. HARRISON

SHAKER LADY

Bright tyrian pink and one of the best we have introduced. Strong, healthy growth with the flowers well placed, showing up the individual flowers to the best advantage. Named in Cleveland in honor of one of the garden clubs of that city.

TRAVELER

A robust, strong growing white with beryl center. Short, crisp petals; one of the varieties that will ship anywhere and arrive in perfect condition with none of the flabbiness that characterizes some varieties, hence the name of Traveler.

BILLIE BURKE

Golden bronze flowering for Thanksgiving. One of the best late bloomers.

BRIGHT EYES

As name implies each flower has a bright eye. The outer petals are orange-apricot. Excellent for pot plants, flowering about October 25th.

CHRISTMAS GOLD

This variety is a small golden-yellow and does not flower until December, making a very valuable late flowering sort.

HARDY POMPON CHRYSANTHEMUMS, STANDARD SORTS—*Continued*

CRISTA

Small, sulphur-yellow, flowering November 1st.

DELPHINE DODGE

Rose-pink variety, changing to a creamy white, shaded lavender as flower ages.

DONALD

Light pink, very fine grower, large and sturdy, flowering outdoors in a sheltered situation up to Thanksgiving.

DORIS

A bronze variety with very short, crisp petals that gives universal satisfaction.

GOLDEN FIREBRAND

Deep golden yellow variety, in full flower September 25th. The earliest variety we have.

GOLDEN CLIMAX

Orange-yellow. In our opinion the finest of the many yellows now in cultivation, possessing every necessary qualification. This variety has been admired more than any other variety in the exhibition, particularly at Chicago. Truly named, as it does not seem possible to improve on this variety.

HILDA CANNING

Reddish bronze, button Pompon. Very fine sort.

IVA

Dwarf bronze; wonderfully free flowering.

JULIA LA GRAVERE

Crimson maroon, for cut flowers. One of the best.

LELIA

Splendid scarlet bronze in color; tall, handsome flower, quite large in size.

LILLIAN DOTY

It is much the finest pink in the large flowered section of the entire Pompon family. The plant is a tremendous grower and will make stems 4 and 5 feet long, producing beautiful sprays of clear, light pink flowers.

LITTLE GEM

A beautiful shade of clear lavender-pink, with long sprays of flowers, growing about 2 feet in height.

LITTLE TOT

Pale rose-pink, very free flowering, ready for cutting about November 1st. Long, attractive sprays.

MARY PICKFORD

One of perfect form, petals reflex at maturity nearly to stem, forming a ball of pure white.

MEG

Wine-red, shading to deep garnet. A colorful sort.

MRS. FRANK WILCOX (Mrs. Frank Beu)

Color, reddish-orange, splendid variety for Thanksgiving use.

NEW YORK

Bronze seedling from Hilda Canning. Flowers November 1st. One of the best in bronze.

QUEEN OF THE WHITES

Fine, creamy white; best in its color.

QUINOLA

Deep yellow. One of the favorite varieties in its color.

RENA

Rose-violet, somewhat the same shade as Baltimore, but altogether larger and better flowers; more perfect in shape and keep a long while in good condition after being cut. Splendid in its color.

ROSE TREVENNA

Rose-colored Pompon; much deeper in color than the usual pink sorts.

ROMAINE WARREN

The color is orange-bronze. It is a clean grower of medium height and makes very attractive flower sprays, carrying the flowers well apart.

THELMA

Bronzy-red; unique in color among Pompons, being about the same shade as Billancourt, the early flowering variety. The flowers are semi-circular in shape, the individual flowers being well divided and the ensemble of the plant most pleasing.

UVALDA

Pure glistening white Pompon, in full flower October 5th. A fine early flowering sort.

VIOLA

A rich violet-red.

WACO

A very fine white variety with splendid stem and foliage; a well known sort.

WESTERN BEAUTY

A deep rose-pink, rather late for the shows, but one of the best Pompons ever introduced.

WHITE DOTY

A sport of the popular variety, Lillian Doty, and a duplicate of the parent in every way, except color which is pure milk white. This is a hardy plant that will grow outdoors just as well as in the greenhouse, and will give the grower wonderful results grown either way. Every stem on the plant carries a spray of eight or ten perfect flowers, and with its bright, glossy, green foliage and stiff, erect growth, this charming variety fascinates everyone.

WM. WESTLAKE

Golden-yellow. An old variety that is still deservedly popular.

YELLOW GEM

Large, full flowers; pure yellow.

ZENOBIA

Pure yellow. Comes into flower first of all.



Hardy Chrysanthemums

EARLY FLOWERING SINGLE AND POMPON TYPES

FOR those customers who wish a nice selection of Hardy Chrysanthemums, and do not know exactly the different varieties they wish to order, we have prepared this color page, showing the various types, and all of them are absolutely hardy. Our special offer is as follows:

WE WILL SEND

100 Hardy Chrysanthemums

including plants of the Early Flowering, Single and Pompon Types, practically as listed on the opposite page to any address

for \$12.00

This is a special price and if individual plants of Hardy Chrysanthemums are purchased from other parts of the catalogue the price on same will be as listed in their particular section; in other words, this Special Offer of 100 plants for \$12.00 holds good, *only when we make the selection.*

We will endeavor to give as wide an assortment as possible in color, etc., in all cases, although if a customer prefers more of some one color and will mention the fact when ordering, we will meet his wishes in the matter.

CULTURE

The plants will be from 2½-inch pots when delivered about May 15th, and can then be set out in the garden about a foot apart. A well drained piece of ground is most suitable, although not absolutely necessary, since any ordinary garden soil will grow Chrysanthemums satisfactorily.

If the tip of the plant is pinched out once or twice during the month of June, it will permit them to branch out and form nice bushes. The types listed will flower in September, October and November, when all other flowers in the garden are practically dead and useless.

COLLECTION

Price, per 100 Plants \$12.00

The Rose Novelty for 1924

Greenhouse Roses for Forcing

GRAFTED

	Per Plant	Per doz.	Per 100
2½-in.....	\$1.00	\$10.00	\$60.00
3 -in.....	1.20	12.00	70.00
4 -in.....	1.30	13.00	80.00

OWN ROOT

	Per Plant	Per doz.	Per 100
2½-in.....	\$0.75	\$7.50	\$45.00
3 -in.....	.85	8.00	50.00
4 -in.....	.90	9.00	60.00



“SENSATION”

The color is an entrancing shade of red. The bud long, pointed and the open flower beautiful, with extreme size and good color to the last.

As large and more prolific than Premier. Well supplied with heavy, luxuriant foliage. The flowers are fine any season of the year. The stems are long, jointed and strong, with ample foliage. A good keeper and shipper.

Has been hailed by the forcing Rose growers as the Rose they have been waiting for for years, because all other red Roses introduced to date lack freedom of bloom.

STANDARD VARIETIES OF ROSES FOR FORCING

GRAFTED

- 2½-in.: 50c. per plant, \$5.00 per doz., \$40.00 per 100.
 3 -in.: 60c. per plant, \$6.50 per doz., \$50.00 per 100.
 4 -in.: 75c. per plant, \$7.50 per doz., \$60.00 per 100.

OWN ROOT

- 2½-in.: 30c. per plant, \$3.00 per doz., \$20.00 per 100.
 3 -in.: 40c. per plant, \$4.00 per doz., \$25.00 per 100.
 4 -in.: 45c. per plant, \$4.50 per doz., \$30.00 per 100.

AMELIA GUDE

A medium size Rose which blooms freely all Winter. The buds are long and pointed and as yellow as Mrs. Aaron Ward. The open flowers resemble Sunburst. A great improvement over either Rose in productiveness. Easy culture. Either as a bud or open flower this Rose is charmingly beautiful.

AMERICA

We cannot find a fault with this Rose—size, form, freedom, color, stem and foliage being alike, ideal. The color is an absolutely pure rose-pink that never under any circumstances turns blue, and the fragrance is unsurpassed. Every bud of America produces a perfect flower, no matter how strong the growth, and this fact alone puts it far ahead of Columbia, or any other variety of its type.

CECIL BRUNNER

Known under various names, such as Sweetheart, Mignon, etc. Is a dainty, miniature rose. Light pink in color, and every greenhouse should have a few plants of this beautiful little rose. Own root stock only.

COLUMBIA

This variety sends up quickly numerous stiff stems which are of good length without pinching, and naturally throws long, stiff stems. It is a free grower with beautiful foliage, the leaves spaced just right to please a cut flower grower and to form a fine setting for the bloom. Color true pink; a peculiarity of the variety is that the shades all become more intense until the full maturity of the flower is reached.

CRUSADER

A rich, velvety-crimson; fine, strong-growing variety, excellent flower stems and produces very little blind wood. For its size, a prolific producer.

DOUBLE WHITE KILLARNEY

There are several strains of Double White, but this stock we secured from a sport of Double Pink Killarney, and it is the finest type we have seen. In some soil Double White does not produce as many blooms as the Single White Killarney.

GEORGE ELGAR

One of the Baby Rambler or dwarf Polyantha type. Golden coppery-yellow, passing to clear yellow with age. Purest yellow in this class and splendid for corsage work. Own root plants only.

GOLDEN OPHELIA

The color is by far the finest of any yellow Rose so far produced. The flowers are not so large as Sunburst, but are produced in endless profusion. The growth is free and robust and the plant does not seem readily affected by mildew or spot. The color is a deep rich yellow throughout the entire flower.

HADLEY

Deep velvety-crimson, retaining its brilliancy at all seasons of the year; strong, rigid growth and flowers borne on long, stiff stems. Has proved itself a first class forcing variety.

HOOSIER BEAUTY

A rich, velvety crimson in color, with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities. The glowing color, sweet scent, well-shaped buds, large, full flower, long keeping qualities, clean, healthy habit and freedom in growth and production of bloom have been declared wonderful.

MADAME BUTTERFLY

A glorified Ophelia. It is altogether more vigorous in growth than its parent, Ophelia, as grown side by side in our establishment. Foliage and habit can be most quickly described as unsurpassed by any existing variety. The individual bud is larger and the color tints of Ophelia are greatly intensified, making it a harmony of bright pink, apricot and gold.

MRS. AARON WARD

A general favorite; rather short in bud, but wonderfully free flowering. In the bud state color is a beautiful, rich yellow, which changes to shades of pink as the flower develops.

OPHELIA

Color clear, bright salmon, often deepening toward golden pink; wonderfully fragrant, with long pointed buds and stiff stems. Large, handsome foliage, showing that it is a wonderfully free bloomer and grower, and not prone to mildew. Growth free and continuous and does splendidly grafted on the Manetti.

PREMIER

Rose Premier is a cross between Ophelia and Russell. The flowers are of Russell type, and hold a clear, pure shade of rose-pink throughout the year, lighter in Summer, deep rose-pink in cooler weather; a dozen blooms make an imposing bouquet.



AMERICA

CARNATIONS—STANDARD VARIETIES

Rooted Cuttings: 12c. per plant, \$1.25 per doz., \$8.00 per 100.

Pot Plants, 2½-in.: 15c. per plant, \$1.50 per doz., \$12.00 per 100.

Except where otherwise noted.



WINSOME

WINSOME (Hartje and Elder Company). Much darker in color than Mrs. C. W. Ward. Very free blooming variety, splendid habit of growth; long, stiff stem, early and continuous bloomer, good keeper, with flowers about 4½ inches across, of splendid form. One of the very finest deep pink varieties introduced in many years.

LADDIE. This Carnation has established itself in the unique position of being worth more now than when it was introduced. The color is a warm rose-salmon-pink; the flowers average 3½ inches in diameter, when it is at the proper stage for cutting, and develops to 4½ inches in Winter. The keeping qualities are beyond question away ahead of any Carnation yet introduced. The plant is a splendid grower and the blooms very prolific. Rooted Cuttings, \$3.00 per doz., \$20.00 per 100; pot plants, 2½-in., \$4.00 per doz., \$25.00 per 100.

CRIMSON

DORIS. The commercial crimson. It is wonderfully free and persistent in blooming, coming in early and flowering continuously throughout the entire season. If you need a crimson—try Doris.

PINK

ENCHANTRESS SUPREME. Color is a light salmon-pink several shades deeper than the

original parent, Enchantress, and this variety persists in the bright sunlight without fading. It is better than Enchantress in every way. We cannot too strongly recommend this variety. Calyx is a non-splitter, and the plant is just as productive as the old Enchantress.

SCARLET

BELLE WASHBURN. Brilliant scarlet, about 4 inches across, non-bursting calyx, free and continuous blooming variety. Very stiff stem.

WHITE

WHITE ENCHANTRESS. Of the pure white strain. Splendid variety; satisfactory in all seasons.

VARIEGATED

HAPPINESS. Yellow Carnations are not generally considered a commercial proposition, but everyone who has seen this Carnation has expressed a wish to purchase plants of it on account of its delightful fragrance and dainty combination of colors. The groundwork is canary-yellow and the petals are

flecked and striped deep pink in the most charming manner. Happiness produces medium-sized blooms, but they are perfect in form and it is exceptionally free flowering. It secured the Silver Medal of the Horticultural Society of New York as being the best Carnation of the year, and we offer it with every confidence to the flower grower who wants "something different."

PINK BENORA. In this variety we have a sport of Benora that is rejuvenation in every way of its parent. The growth is much stronger and the flower is heavier with a perfectly stiff stem. In Benora, the ground color of the flower is white and in this variety it is pink.

The Marinelli Carnations

Perpetual Giant Flowering Carnations

MERVEILLE FRANCAISE

The largest Carnations ever produced, the colors being flesh with variegated dark pink stripes and spots.

LE MIRACLE

The most remarkable color ever obtained in Carnations, being purple-lavender during the Winter, changing to a variegation of color in the Spring and Summer.

Price: \$2.00 each per plant, \$20.00 per doz.

TENDER BEDDING and GREENHOUSE PLANTS

GARDENIA THE TRUE WINTER FLOWERING TYPE

We can supply this plant in any quantity. Spring delivery.

Price: 2½-in., \$18.00 per 100; 3-in., \$30.00 per 100; 4-in., \$40.00 per 100.

SALVIA AMERICA

Differs from other types as it is a perpetual bloomer. It can be brought into flower for Christmas, Easter or any other desired time. It is just as free blooming as any other variety, and the color is a brilliant glowing scarlet, with very bright, green foliage, making a gorgeous contrast. The constitution is particularly rugged and healthy. As an outdoor bedding plant, it will be in great demand, as it is such an attractive addition to every garden.

Price: 15c. per plant, \$1.50 per doz., \$10.00 per 100.

AGERATUM FRASERI

We feel confident in offering *Ageratum Fraseri* to our customers that we are offering what will be one of the most valuable acquisitions to the bedding plant line in recent years, that is a blue, a decided blue, that would be continually in bloom. In our trial grounds last Summer *Fraseri* attracted more attention than any other bedding plant. It only grew about 8 or 10 inches high and was covered the entire Summer with what can be easily classed as immense trusses of flowers, as many of them were over 2½ inches across, while the individual flower would be ⅛ of an inch in diameter. The plants spread about 12 to 15 inches across. It can very easily be used with *Alternanthera* as a border plant. Being an early bloomer and dwarf, compact grower, it makes an excellent pot plant. 25c. per plant, \$2.50 per doz., \$15.00 per 100.

BUDDLEIA

ASIATICA. This *Buddleia* differs from *Variabilis* and others of its type, in that it is not hardy and requires protection. It begins to bloom in December and continues to do so throughout the Winter season, if the plants are kept growing in a warm house. It produces long spikes of the most beautiful white flowers which have a delightful lilac fragrance. \$3.00 per doz., \$20.00 per 100.

FARQUHARII. This new Winter flowering Lilac is the first authentic hybrid in the genus. The flowers are pale pink, delightfully fragrant, and are borne in long, cylindrical, tail-like clusters. It is of easy culture, flowers during December and January, and is valuable for conservatory and house decoration and as cut flowers. 2½-in. pots, 50c. per plant, \$5.00 per doz., \$35.00 per 100.



BUDDLEIA ASIATICA

FERNS (FOR FERN DISHES)

Assorted Ferns in all the best varieties: *CYRTOMIUM falcatum*, *PTERIS Mayii*, *P. cretica*, *P. albolineata*, *P. adiantoides*, etc. 2¼-in. pot plants: \$1.50 per doz., \$10.00 per 100.



HELIOTROPE

HELIOTROPE

We have reason to pride ourselves on the three varieties of Heliotrope we have introduced to the trade in this country. "Centefleur" was our first introduction; followed later on by "Elizabeth Dennison," and last year "Royal Fragrance," the latter being the finest Heliotrope that has ever been raised.

ROYAL FRAGRANCE

A deep, rich, violet-blue Heliotrope, very dwarf in growth, about 10 inches high. The individual trusses of this variety measure from 15 to 18 inches across and the plants are very bushy in habit. Royal Fragrance is marvelously fragrant as the name implies. Grown in a solid bed, it will bloom continuously from early July until frost, and its fragrance can be detected all over the garden. As a border plant it is unsurpassed and the many letters of commendation we have received on this particular variety indicate that the demand this year will exceed the supply. We suggest early ordering.

2½-in. pots: 30c. each, \$3.00 per doz., \$20.00 per 100.

3 -in. pots: 40c. each, \$4.00 per doz., \$30.00 per 100.

ELIZABETH DENNISON

A clear Windsor blue in color with large, individual trusses of flower, growing about 15 inches high. Is also wonderfully fragrant. Won the Medal of Honor at the Panama Pacific Horticultural Exposition in 1915.

CENTEFLEUR

Deep blue in color with conspicuous white eye. Our first introduction in the Heliotrope line and is delightfully fragrant, as are all types of Heliotrope, but these three varieties are exceptionally so. Grows about 18 to 20 inches in height according to the soil and location where planted.

2½-in. pots: 20c. each, \$2.00 per doz., \$15.00 per 100.

3 -in. pots: 25c. each, \$2.50 per doz., \$20.00 per 100.

Prices on larger size on application.



LADY ELIZABETH

(Eastwood)

A distinct new break in Hybrid Cactus Dahlias, resembling the Hairy or Plume variety of Chrysanthemum. A distinctive novelty, color, clear canary-yellow overlaid with bronzy-pink, the tips of quilled petals are split, giving the flower a very shaggy appearance. The center petals stand out straight from the flower, with the bronzy color very much intensified in these center petals. A very free flowering variety, and one that should be very popular with practically every grower of Dahlias in the country.

Price: \$10.00 each.

DAHLIAS

W. H. Waite's Novelties for 1924

JERSEY'S BEAUTY (DECORATIVE)

Very fine true pink, flowers of perfect shape, produced on long, straight, stiff stems. Very free bloomer, and a splendid keeper. Certificate American Dahlia Society, 1923. Winner of several gold medals, also gaining the highest award at Storrs, Conn. Tubers \$25.00, plants \$10.00.



JERSEY'S BEAUTY

JERSEY'S EMPEROR (DECORATIVE)

Dark maroon flowers of good size and produced very freely on good stems. Tubers \$10.00, plants \$5.00.

JERSEY'S GEM (DECORATIVE)

Lavender-pink. Flowers large, produced on very long, straight, stiff and slender stems. A very free bloomer. Certificate American Dahlia Society 1923. Tubers \$10.00, plants \$5.00.

JERSEY'S JEWEL (DECORATIVE)

Mallow-pink, very large, long-petaled flowers on fine stems. A splendid exhibition variety. Flowers can be had 9 inches without disbudding. Certificate American Dahlia Society 1923, and winner of many first prizes the past year. Tubers \$10.00, plants \$5.00.

JERSEY'S KING (DECORATIVE)

Begonia-rose, large, broad-petaled flowers produced very freely on splendid stems. Certificate 1922, American Dahlia Society. Tubers \$5.00, plants \$2.50.



JERSEY'S JEWEL

JERSEY'S RADIANT (HYBRID CACTUS)

Bittersweet orange, large flowers on long, stiff brown stems, well above the foliage. A very attractive variety. Certificate American Dahlia Society 1923. Tubers \$10.00, plants \$5.00.

JERSEY'S ROSE (DECORATIVE)

Cerise; very fine, free blooming variety. Flowers large, on good stems. Tubers \$10.00, plants \$5.00.

FRANCIS LOBDELL (HYBRID CACTUS)

Mallow-pink, shading to white in center. A very stiff, low-growing habit, wonderful free bloomer, the bush being covered with flowers. Splendid bedding variety as well as an exhibition and cut flower variety, the stems are like pieces of cane. True stock very scarce. Plants only \$5.00.

MONMOUTH (HYBRID CACTUS)

Vermilion-red, sometimes tipped with gold. Flowers are large and produced very freely. Tubers \$5.00, plants \$2.50.

RUMSON (DECORATIVE)

Soft apricot, medium-sized flowers on very fine long stems which carry the flowers erect. A splendid cut flower, as the blooms last a long time. Tubers \$5.00, plants \$2.50.

VIOLETTA (HYBRID CACTUS)

Petunia-violet. This variety is always a favorite and the best in its class. Flowers produced very freely on splendid stems. True stock is still very scarce, as the demand has always been heavy. Plants only \$5.00.

DECORATIVE DAHLIAS

Decorative Dahlias are the kinds used mostly for cut flower work. They have round or flat petals, are loosely formed and never show any opening in the center. This is the most popular type grown today. Stems are always thick in this type.

ALEX WALDIE

A beautiful Decorative Dahlia, large flowers of creamy white, overlaid with delicate salmon-pink. 25c. per tuber, \$2.50 per doz.

CATHERINE DUER

A glowing shade of red. Decorative type. 25c. per tuber, \$2.50 per doz.

CARDINAL

Very deep maroon-red. Fine for cut flowers having a wonderfully stiff stem and lasting qualities. 25c. per tuber.

DARLENE

An exquisite shade of live shell-pink with a dainty blending of white at the center. The plants make ideal specimens, averaging about 3 feet in height. Decorative type. 25c. per tuber, \$2.50 per doz.

DREAM

Amber-rose, borne on long stems which hold the flower free above the foliage. Excellent for both cutting and garden decoration. Decorative type. 50c. per tuber, \$5.00 per doz.

EARLE WILLIAMS

A very attractive variegated variety; one of the best of this type. Large flowers, deep formation, brilliant crimson-scarlet, each petal tipped with white; free bloomer. \$3.00 per tuber.

MRS. ELLA CLINE

A beautiful, glistening pure white, with good stems, and a Dahlia that has proven an ideal all-around variety. It is very free flowering and in blossoming qualities and purity of color it is not surpassed by any white Decorative I have seen.

THE EMPEROR

This variety caused quite a stir at the Dahlia exhibitions on account of its enormous size, its beautiful deep color, the perfect form of the flower, and the extra long stem. The flower is a maroon of the finest type; made up of long, flat petals; the color does not spot under any weather condition. Average height 6 feet. An exceptional variety. Decorative type. \$10.00 per tuber.

E. T. BEDFORD

The color is purple, with a lighter shading, giving it the appearance of a silvered purple tone. Should be in every exhibition collection and in every garden where good Dahlias grow. Height 5 feet. Decorative type. \$5.00 per tuber.

FRANK A. WALKER

A charming shade of lavender-pink. For garden or cut flower purposes this variety is exceptionally good, having long stems and producing flowers in great abundance. 35c. per tuber, \$3.50 per doz.

GLADYS SHERWOOD

One of the most beautiful large flowering white. The flowers are of fine form, held erect on strong stems. Profuse bloomer. \$2.00 per tuber, \$20.00 per doz.

GEN. BOREEL VAN HOOGELANDEN

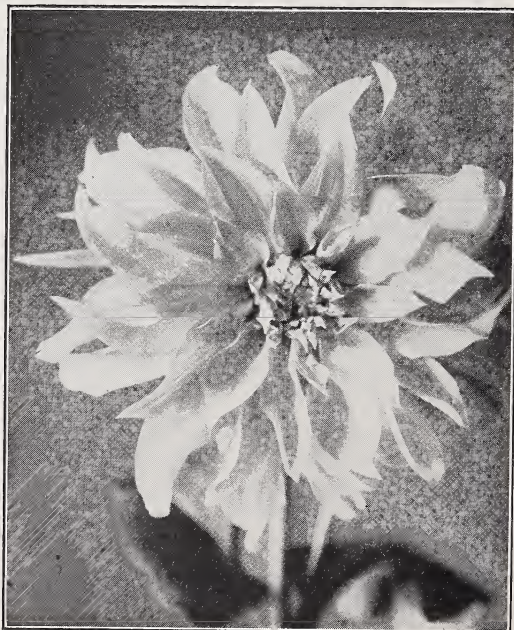
An elegantly formed flower, of gigantic size and without doubt the finest of its color in existence. The flowers are full to the center and approach that of "King of the Autumn" in color. A deep, rich orange terra cotta. Decorative type. \$1.00 per tuber, \$10.00 per doz.

HEMPSTEAD

A bronzy yellow in color, very free flowering. Decorative type. 50c. per tuber, \$5.00 per doz.

HOCHSAI

Decorative type. Bronzy yellow overlaid with crimson shadings through the petals, giving the effect of crimson dust scattered over a bronzy-yellow surface. Plant is a tremendous grower and perfect as to stem and foliage. 50c. per tuber, \$5.00 per doz.



GEN. BOREEL VAN HOOGELANDEN

DECORATIVE DAHLIAS—Continued

HORTULANUS WITTE

A perfect wonder. Its remarkable qualities being excellent, type, perfect form and purity of color. The flowers are borne in a miraculous profusion upon long, stiff stems, well above the foliage. The color is a waxy, almost glistening pure white; a beauty in every sense of the word. Decorative type. 25c. per tuber, \$2.50 per doz.

JACK ROSE

Rich, velvety crimson, Decorative variety. An ideal cut flower sort. 25c. per tuber, \$2.50 per doz.

JUDGE MAREAN

A perfect Decorative type of a most beautiful color. A wonderful combination of glowing salmon-pink, red, iridescent orange, yellow and pure gold; it is a continuous bloomer and at its best in August. Average height, 4 feet. \$5.00 per tuber.

KING OF THE AUTUMN

Beautiful coloring, buff yellow suffused with terra cotta; strong, sturdy plants, stiff stems and very free bloomer. 50c. per tuber, \$5.00 per doz.

LE GRAND MANITOU

The color of this superb variety is white, artistically striped, splashed and blotched deep violet-purple. The plants occasionally bear a solid, purple-colored flower. Flowers of gigantic size. Decorative type. 25c. per tuber, \$2.50 per doz.

LIBERTY BOND

One of the finest Decorative Dahlias; unusual coloring of buff, bronze and salmon shades blended. The flower is immense in size and full in form. A profuse flowering, vigorous growing plant. \$3.00 per tuber, \$30.00 per doz.

MAGGIE

Peony type. An English importation with beautiful salmon-bronze flowers with old-gold base. One of the most beautiful shades in our entire collection. 25c. per tuber, \$2.50 per doz.

MARIE HARDY

Giant variety from California. Color pale lemon-yellow ground, with cerise tips on the edge of the petals. As the flower ages the cerise color becomes very prominent, spreading practically over the whole flower. Flowers profusely with stems of good length and very rigid. Show type. 25c. per tuber, \$2.50 per doz.

MILLIONAIRE

The most delicate lavender, with a faint pink cast overshadowing it. A good exhibition variety of unusual size; stands erect on its stem. \$1.50 per tuber, \$15.00 per doz.

MINA BURGLE

This is one of the finest broad, flat-petaled Dahlias in existence, always giving satisfaction and producing blossoms of gigantic size with perfect centers. In color, a glowing and most brilliant rich crimson-scarlet. Decorative type. 25c. per tuber, \$2.50 per doz.

MINOS

The blossoms are produced on stems from 15 to 25 inches in length, well above the foliage. The color is an intense velvety-maroon, almost black. An ideal Dahlia in every way. Decorative type. 25c. per tuber, \$2.50 per doz.

MME. VAN DEN DAELE

Flowers large, of extra fine form, and produced upon exceptionally good stems. As a cut flower variety it is unsurpassed. White, deeply edged a silvery-pink; a blending of colors rare among Dahlias. Decorative type. 25c. per tube, \$2.50 per doz.

MRS. BRANDT

Color, salmon with golden-yellow center. A very large Decorative Dahlia. 50c. per tuber, \$5.00 per doz.



LE GRAND MANITOU

DECORATIVE DAHLIAS—Continued

MRS. I. DE VER WARNER

True Decorative type of largest size; color a deep mauve-pink, strong grower and very free bloomer. A magnificent and most desirable Dahlia in every way. Average height, 5 to 6 feet. \$5.00 per tuber.

MRS. J. GREEN

Vivid, brilliant scarlet in color, with very large, full flowers. We received this variety from California and it more than surpasses the wonderful description that accompanied it. We consider it the finest red Decorative type in our garden. 50c. per tuber, \$5.00 per doz.

NOIR ALVAREZ

In color, a deep, velvety, ox-blood red. Blossoms are produced remarkably free, upon exceptionally good stems well above the foliage. The plants make a sturdy, vigorous growth. 50c. per tuber, \$5.00 per doz.

PATRICK O'MARA

Decorative. A very fine golden yellow, produced on strong, straight stems. Being a seedling of King of the Autumn, it is a very free and vigorous grower, and never produces a single flower like its parent. \$1.00 per tuber, \$10.00 per doz.

PRINCESS JULIANA

This Peony-Decorative type Dahlia is of special merit; it is pure white, perfect flowers, dark green foliage; long, strong stems. A robust grower; it is a variety that will be grown by every lover of the Dahlia. 25c. per tuber, \$2.50 per doz.

CACTUS DAHLIAS

The Cactus type of Dahlia is readily identified by its long, narrow petals. Many of them resemble Chrysanthemums. They are usually very brilliant in color, but many of the finest varieties are weak in the neck of the flower and for this reason they are not grown to the extent that the other types are.

BERTRAM S. VARIAN

A very brilliant, deep, scarlet of the moderately incurved form, of good size, on long stems. Cactus type. 25c. per tuber, \$2.50 per doz.

F. W. FELLOWS

Very large blooms of a beautiful orange color. \$1.00 per tuber, \$10.00 per doz.

H. H. THOMAS

The flowers are of beautiful formation, having long, incurving florets or petals. A free flowering variety possessing long, straight stems and producing its flowers well above the foliage. The color is a rich deep crimson. Cactus type. 50c. per tuber, \$5.00 per doz.

JULIANA

A flesh pink with a white center; large, incurved flower of narrow petals, with a good center and extra strong stems. Cactus type. 25c. per tuber, \$2.50 per doz.

MARGUERITE BOUCHON

One of the most attractive Cactus Dahlias. A soft, rosy-pink with a large white center and distinctly defined white tips. 25c. per tuber, \$2.50 per doz.

PURPLE MANITOU

The same type and size as Le Grand Manitou, but of a pure purple. 25c. per tuber, \$2.50 per doz.

QUEEN MARY

A beautiful rose-pink of great substance and charming formation. The stem is wonderfully long and stiff, and the flower grows well above the foliage. It is a cut flower par excellence. Decorative type. 25c. per plant, \$2.50 per doz.

ROSA NELL

Flowers very large, fine for exhibition. A clear, bright rose color, very unusual and attractive. Fine stem. \$3.00 per tuber.

VENUS

A beautiful variety and much esteemed as a cut flower; it is a splendid free grower, and the flower, which is a combination of pink and white, is borne on long stems. Decorative type. \$1.00 per tuber, \$10.00 per doz.

VERDUN

This beautiful Dahlia was imported from France and attracted great attention at all the shows. The color is a clear yellow tipped and edged with red. The flowers are strong and upright, held well above the foliage on exceptionally stiff stems. One of the most profuse bloomers we have ever shown and one which we highly recommend for the garden or for use as cut flowers. \$2.00 per tuber.

MARJORIE CASTLETON

The outer florets are rose-pink. The tips and inner florets are pure white. Cactus type. 25c. per tuber, \$2.50 per doz.

MRS. C. COOPER

One of the largest Cactus Dahlias yet produced. The petals are long and very narrow, slightly incurved. The color is a charming, cream-suffused salmon. \$1.00 per tuber, \$10.00 per doz.

MRS. EDWARD DRUREY

This new creation will prove a thoroughly reliable variety in any situation. Color, a delicate shade of purple-crimson. The flowers are formed evenly but are not strikingly curved. Large blossoms, produced freely and good throughout the season. Cactus type. 50c. per tuber, \$5.00 per doz.

NIBELUNGENHORT

Very attractive petals of purplish-rose splashed with gold. Individual petals which twist and curl are flowers of the Hybrid Cactus type. 50c. per tuber, \$5.00 per doz.

DAHLIAS—Continued

SCORPION

At first sight one would think it a Chrysanthemum. The blossoms are of medium size and of a beautiful, clear yellow color. This variety is a great favorite with specialists abroad, especially appealing to the lovers of irregularly formed Cactus Dahlias. \$1.00 per tuber, \$10.00 per doz.

THE IMP

Described as the "Black Dahlia," the color being as near black as any we have ever seen in Cactus Dahlias. A beautifully formed flower with long, claw-like petals and exceptionally good incurved form. 25c. per tuber, \$2.50 per doz.

W. B. CHILDS

A large, deep purple Hybrid Cactus Dahlia that we can highly recommend. 25c. per tuber, \$2.50 per doz.

HYBRID CACTUS DAHLIAS

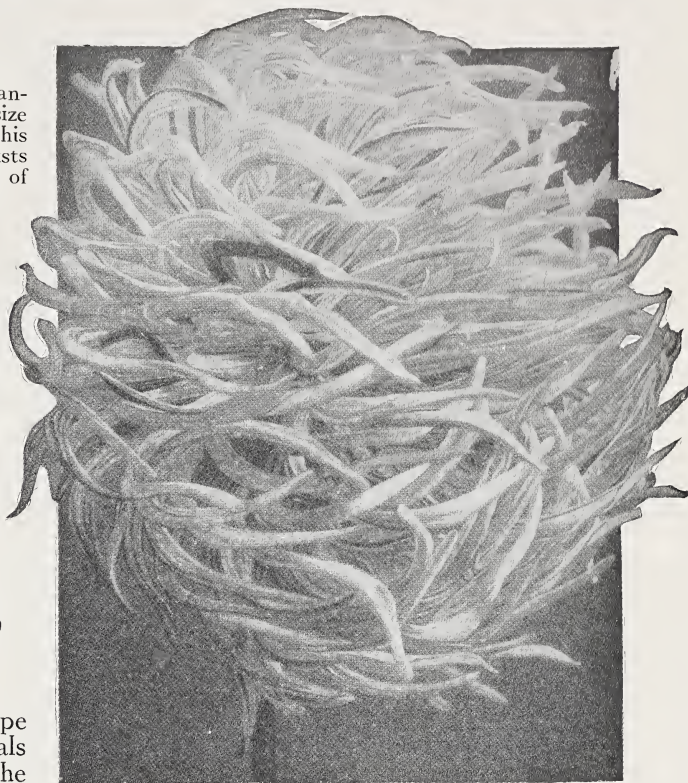
Hybrid Cactus Dahlias are the type that attain a very large size. The petals are twisted and curled exactly like the Cactus varieties.

ATTRACTION

A large, elegant flower of clear lilac-rose. The habit is perfect, with long, strong stems, holding the blossoms stiff and upright. The long, stiff stems of the Hybrid Cactus Dahlias make them far superior to all other Cactus Dahlias. \$1.00 per tuber, \$10.00 per doz.



GEORGE WALTERS



SCORPION

BRUNSWICK

Beautiful, glowing bronze color. Large flowers borne on fine, stiff stems. Free bloomer. Splendid for cutting or garden decoration. 50c. per tuber, \$5.00 per doz.

ELIZABETH SLOCOMBE

Rich, purplish-red, changing to a clear garnet red as the flower ages. Hybrid Cactus type. \$2.50 per tuber.

ETENDARD DE LYON

Hybrid Cactus type, distinct in shape from all others. The petals are broad, curled and wavy, and form a flower fully 6 inches in diameter and 4 inches deep; a very large flower. The color is rich carmine-rose, with a brilliant suffusion difficult to describe. 50c. per tuber, \$5.00 per doz.

GEORGE WALTERS

This variety has long, broad, quilled petals, a bright salmon-pink, artistically suffused with old gold. The flowers are produced on long, stiff, wiry stems, well above the foliage. \$1.00 per tuber, \$10.00 per doz.

INSULINDE

A very handsome variety. In coloring the Autumn tints of amber and gold are beautifully blended. The flower is large, and is borne on strong, stiff stems. Splendid for exhibition.

HYBRID CACTUS DAHLIAS—Continued

KALIF

One of the largest Hybrid Cactus Dahlias. A fine, brilliant scarlet. It has a fine, stiff stem and produces its massive flowers in great abundance. Very useful for cutting, as well as for garden decoration. 75c. per tuber, \$7.50 per doz.

LA FAVORITA

A brilliant salmon shade. Rosy salmon in the center and shading to pink at the twisted points. Hybrid Cactus type. \$1.00 per tuber, \$10.00 per doz.

LATONA

An unusual blending of orange, buff and yellow. Flowers are nearly full to the center, and produced freely upon good stems. 50c. per tuber, \$5.00 per doz.

LEO XIII

This is the largest yellow Decorative Dahlia to my knowledge; being one of the most prominent for exhibition purposes. The flowers are of that rich deep golden yellow that pleases everyone. \$1.00 per tuber, \$10.00 per doz.

MEPHISTOPHELES

Hybrid Decorative; the insolent beauty of this Dahlia makes itself felt through its giant flowers held perfectly erect on extra long, stout stems; ruby

red, very vigorous grower, producing many flower stalks on a plant growing to a height conservatively averaging 6 to 8 feet. It is considered the best Dahlia in existence. \$5.00 per tuber.

MRS. WARNAAR

A "Garden Cactus" of superior quality, recommended as one of the finest cut flower varieties in existence. The coloring is exquisite, being a delightful creamy white, overlaid and blending to a charming shade of delicate pink. The flowers are produced on long, stiff stems. Blossoms are of gigantic size and great merit. \$1.00 per tuber, \$10.00 per doz.

RED CROSS

This is of the Hybrid Cactus type. Bronzy-yellow with red shadings, and possibly one of the most charming in our garden this Summer. Exhibited at the New York Dahlia show and was one of the most admired in our exhibit. \$1.50 per tuber, \$15.00 per doz.

YELLOW KING

Another giant Hybrid Cactus Dahlia that is splendid for cutting. A very beautiful pure yellow, passing to a lighter shade at the tips. The stems are very long, stiff and upstanding; the plant is a vigorous grower and an early and prolific bloomer. \$1.00 per tuber, \$10.00 per doz.

PEONY TYPE DAHLIAS

The Peony type of Dahlia is one of the most popular types. The flowers are usually very large, and very often show an open center. Some varieties very much resemble the semi-double Peony, and for this reason the type is known as the Peony type.

CAECILIA

A magnificent flower of great individuality; one that will give perfect satisfaction. A wonderfully large creamy white flower. Cactus type. 35c. per tuber, \$3.50 per doz.

CLEOPATRA

Peony-flowered type; very strong grower; large flowers on wiry stems; fine yellow shade with tangerine reverse. Average height 5 to 6 feet. \$1.00 per tuber, \$10.00 per doz.

ETENDARD

One of the purest types of Peony flowering Dahlia. This variety produces quantities of flowers, 9 inches across, on stiff stems, 2 to 3 feet long. One of the very finest subjects for cutting. Color, pure glistening white with yellow center. \$1.50 per tuber, \$15.00 per doz.

JOUVAINE

Rich canary-yellow Peony variety, also a French importation, and a worthy companion to Etendard, which it resembles very strongly in all respects except color. Very profuse blooming variety. \$2.00 per tuber, \$20.00 per doz.

LILLE

A salmon-pink shading to white towards the center. Peony type. 50c. per tuber, \$5.00 per doz.

LOUISIANA

A beautiful Peony flowering Dahlia, of amber bronze. This is a wonderfully free flowering variety, needs no disbudding, and is especially fine for cut flower decoration. 25c. per tuber, \$2.50 per doz.

NEWPORT DANDY

A beautiful, soft lilac pink. Large, graceful flowers borne on stiff stems. Splendid for cutting. 50c. per tuber, \$5.00 per doz.

NOTRE

A lovely creamy white. 25c. per tuber, \$2.50 per doz.

PEG O' MY HEART

Dahlia, Peony flowered type; extremely attractive color, being of an old rose shaded to soft golden. Average height 5 to 6 feet. \$1.00 per tuber, \$10.00 per doz.

PINK BEAUTY

A wonderful variety in the Peony type. Flowers are borne on stems 18 inches to 2 feet long, perfectly rigid. Color is a brilliant carmine, veined and flecked silvery pink. 25c. per tuber, \$2.50 per doz.

QUEEN WILHELMINA

The best pure white Peony flowered Dahlia. Very attractive. 50c. per tuber, \$5.00 per doz.

SHOW DAHLIAS

These are the old-fashioned type of Dahlia. They have very tight flowers with short, crisp petals.

AMERICAN BEAUTY

The color of this new acquisition is a gorgeous wine-crimson. The blossoms are of colossal size, petals being beautifully cupped and quilled. Show type. 35c. per tuber, \$3.50 per doz.

CUBAN GIANT

Very large, ball-shaped flowers, bright maroon, early, profuse bloomer. 25c. per tuber, \$2.50 per doz.



PINK BEAUTY (See page 54)

GOLD MEDAL

This is without question the finest fancy Dahlia that has ever been introduced. Blooms early, free, and continuous and keeps perfectly for many days. The color is a beautiful dandelion-yellow suffused with oriental-red shadings. Show type. 50c. per tuber, \$5.00 per doz.

MAUDE ADAMS

Center white. Tinted a clear delicate pink from the Pompon variety of the Show type. 50c. per tuber, \$5.00 per doz.

PRIDE

Miniature crimson-scarlet flowers. A model of perfection in shape. 25c. per tuber, \$2.50 per doz.

PRIMROSE DAME

Spherical, exquisitely quilled flowers of a lovely primrose-yellow shade. Free flowering. Show type. 25c. per tuber, \$2.50 per doz.

STORM KING

The most reliable pure white frilled Dahlia to date. Spherical flowers produced on good stems well above the foliage. Show type. 25c. per tuber, \$2.50 per doz.

STRADELLA

Beautiful flowers of a deep purple-crimson; produced exceptionally free. Petals quill way back to the stem, making a perfectly spherical flower. Show type. 25c. per tuber, \$2.50 per doz.

SYLVIA

Beautiful deep pink, blending to pale lemon at the center. Petals long and slightly incurved. Show type. 25c. per tuber, \$2.50 per doz.

W. W. RAWSON

A wonderfully quilled Dahlia of great beauty. Good stem. Color is white, overlaid with delicate lavender. 25c. per tuber, \$2.50 per doz.

YELLOW DUKE

Beautiful brilliant yellow of the Show type. Flowers are borne on long, stiff stems. 25c. per tuber, \$2.50 per doz.

Miscellaneous Stock

Every year, when the tubers are taken up from the field some of them get separated from their labels and we have a collection of unknown varieties. These are first-class tubers of our best varieties which we can offer at a very low rate.

Price: \$1.00 per doz., \$10.00 per 100.

STAR, or COSMOS DAHLIAS

This is a new type of Single Dahlia. The flowers are "star-petaled" and about the size of a Cosmos blossom, which they resemble. They are useful for cutting, being borne on stems often 2 feet long; the plants are free blooming, lasting for a long period when cut and extremely showy in the garden.

Price: 25c. each, \$2.50 per doz., \$15.00 per 100.

AUTUMN STAR

Brilliant carmine, with scarlet and bronze shadings through the petals. Very productive, having a great quantity of flowers, showing on the plant throughout the season. One of the showiest of the entire collection. We strongly recommend this variety.

CRAWLEY STAR

Lovely shade of deep rose-pink with a scarlet zone in the center. The brilliant yellow eye in the center of the flower gives it a very distinctive appearance.

IFIELD STAR

Enchantress shade of pink, with bright yellow center, making a charming contrast. One of the most refined of the set.

SUSSEX STAR

Brilliant rose-pink with canary zone in the center. Petals beautifully arranged and it may be added, this arrangement is characteristic of the entire collection.



CRAWLEY
STAR

WHITE STAR

Beautiful, pure white flower with an orange center, greatly resembling a Water Lily. Produces enormous quantities of blossoms on long, stiff, wiry stems, which last a considerable time in water.

ADA FINCH Narcissi-Flowered

This variety is a forerunner of a new type of Dahlias termed the Narcissi-flowered Type, on account of the center of the flower. On this particular variety, the outer row of petals are pure white and stand straight out from the center, while the center itself is tufted with the pale yellow, quilled petals standing up in the same manner as the Double Narcissus. \$1.00 per plant, \$10.00 per doz.



ADA FINCH

COLLARETTE DAHLIAS

This type is distinct from others on account of the row of small petals around the center of the flower forming a collar from which the type derives its name.

ACHIEVEMENT

The flowers of this phenomenal creation are very novel, the large petals being of a clear, rich, velvety maroon, with a smaller ring of petals arranged around the yellow center of pure white. Collarette type. 25c. per tuber, \$2.50 per doz.

CLIMAX

A variety of surpassing merit and beauty. Brilliant scarlet with outer petals shaded bronze. The collar is of pale gold, around the deep orange center, making a most striking combination. We call it "Climax," as we consider it the last word in "Collarette Dahlias." 25c. per tuber, \$2.50 per doz.



MIGNON DAHLIAS

Dwarf Bedders

Several years ago we imported from France, a dwarf type of Dahlia, known as the "Mignon," which we have been selling the past two years to our many customers. These are all single varieties and make wonderful bedding plants since they do not grow over 18 inches in height and are of brilliant colors. They begin to flower in late June and continue to do so all through the Summer until frost cuts the flowers down. Every plant is covered with blossoms from the beginning to the end of the season, and are the showiest flowers in the garden. There are ten individual colors in this type and we sell them in collections of ten plants of assorted colors.

Price: 30c. per plant, \$2.50 for the collection, \$20.00 per 100.

GLADIOLI

CULTURAL DIRECTIONS

The Gladiolus is a flower of easy culture and does well in any soil, but should be planted in full exposure to the sun. They will do well planted in the hardy borders or in front of shrubbery. Many of the best varieties produce small bulbs, and in buying a mixture you will find it much better when the size of the bulbs varies to a considerable degree. The largest bulbs do not always give the best results. It is essential that the bulb should be of blooming age rather than size. Soil should be well prepared in the early Spring, with a good coating of agricultural lime and bonemeal thoroughly worked into the soil, but fresh stable manure should be used only where the ground can be manured the previous Fall and well worked over in the Spring before planting.

Planting for cut flowers should be made in rows 18 inches apart, with bulbs 3 inches apart in the row, covering from 4 to 6 inches, according to the size of the bulbs; press the earth firmly around each bulb. Care should be taken to plant the bulbs right side up, and deep enough so that the new bulb, which forms on top, will not be pushed too near the surface. For succession of bloom, plant from the time the ground can be worked until July 1st.

In cutting the flower spikes, it is ruinous to cut the stalk where the flowers end. There must be some foliage to lend grace. Cut the spikes so as to leave two or three leaves on your bulb root, thus giving you a flower spike sometimes nearly 4 feet long, leaving plenty of strength for the bulb and beauty for the decoration.

In shipping cut blooms of the Gladiolus, it is absolutely essential that they be shipped dry, after standing for a while in water.

NAMED VARIETIES OF LARGE FLOWERING TYPES

Varieties marked with an asterisk (*) are particularly fine for forcing.

ALBANIA (Kemp). Pure silver white, with edge of petals daintily ruffled. Faint pink markings on tips of petals. An exceptional variety for every use. \$7.50 per doz.

***AMERICA**. Too much cannot be said of this beautiful, dainty pink. The flowers are of immense size and of wax-like texture, borne on a very strong spike. 60c. per doz., \$4.00 per 100.

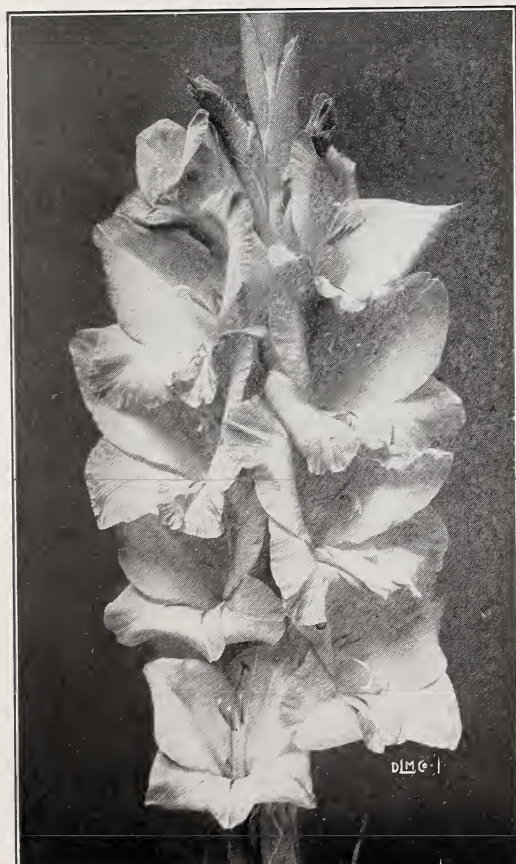
AMETHYST. A remarkably strong, open flower of a deep amethyst color, slightly suffused rose. Beautiful for bedding, as it holds its bloom well, with nearly all flowers open at one time. \$5.00 per doz., \$40.00 per 100.

BARON JOSEPH HULOT. One of the finest blue Gladioli. A deep violet blue with well-opened flowers. \$1.25 per doz., \$8.00 per 100.

BLUE JAY. A light grayish-blue with darker blue markings and having a red stripe on tongue of the lower petals—a distinctive variety. \$3.00 per doz., \$22.00 per 100.

CANDIDUM. Charming white flowers, wide open on a fine stalk. Tips of petals tinted pink. Splendid for all uses. \$2.00 per doz., \$15.00 per 100.

CATTLEYA. Charming soft white, heavily suffused lavender and pink. Large, wide open flowers. \$5.00 per doz., \$40.00 per 100.



DAWN (See page 60)

GLADIOLI—Continued

CONSPICUOUS. Beautiful gray-blue, with darker throat markings and a fine penciling of yellow. Very attractive. \$2.00 per doz., \$15.00 per 100.

CRACKER JACK. Large flowers of rich, velvety dark red, throat spotted with yellow and dark maroon. 75c. per doz., \$5.00 per 100.

CRIMSON GLOW (Betscher). By far the most beautiful red Gladiolus yet on the market. A perfect scarlet of a deep tone. Very large, open flowers of the finest form and exceedingly well placed on the spike. \$2.50 per doz., \$20.00 per 100.

***DAWN** (Tracy's). The most beautiful coral-pink Gladiolus ever offered. A long, graceful spike of magnificently formed flowers, all open at one time. The keeping qualities of this variety surpass anything grown at Cedar Acres, while its color and texture make it indispensable as a cut flower and for bedding. \$2.00 per doz., \$15.00 per 100.

***DAYBREAK.** A charming light pink, with blazed white throat. Magnificent orchid-like variety; dwarf habit. \$3.00 per doz., \$22.00 per 100.

***DELICE.** A choice, early variety. Clear, dainty pink, self-colored. \$1.00 per doz., \$7.50 per 100.

EASTER BELLS. Fine sulphur-yellow of very graceful form and spike. Very faint markings in throat. We consider Easter Bells one of the best light yellows on the market. \$5.00 per doz., \$40.00 per 100.

EMPRESS OF INDIA. A rich, dark red—a rare and beautiful color. One of the best of recent novelties. Certificates of Merit from Haarlem and London in 1912. \$1.00 per doz., \$7.50 per 100.

EVELYN KIRTLAND. Companion to Gretchen Zang. Charming rose-pink blooms, very long stalk. \$2.00 per doz., \$15.00 per 100.

FLORA. One of the best yellows. Pale corn-yellow with delicate lines on lower petals. Very fine spikes of open flowers. Splendid for both house and garden. \$3.00 per doz., \$22.00 per 100.

GIL BLAS. Early flowering of dwarf habit. Flowers salmon-rose with bright red blotch on primrose ground. Fine for bedding as well as a cut flower. \$1.00 per doz., \$7.50 per 100.

***GLORY OF HOLLAND.** A new white with slight tinting of pale pink and anthers of delicate lavender. Blossoms large and gracefully set on a tall spike. One of the finest whites. \$1.00 per doz., \$7.50 per 100.

GOLDEN KING. A brilliant golden yellow, with intense crimson blotch in throat, giving a magnificent effect. Flowers well opened and well set on a very graceful spike. One of the best of the yellow-throated varieties. \$1.00 per doz., \$7.50 per 100.

GRETCHEN ZANG. Tall, graceful spike of soft, pleasing shade of geranium-pink, with carmine throat markings. \$2.00 per doz., \$15.00 per 100.

***HALLEY.** A most attractive early blooming sort, with large, well-opened flowers of delicate salmon-pink. Flowers well placed on long, graceful spike. Similar in type to the popular Mrs. Francis King. 60c. per doz., \$4.00 per 100.

HARVARD. A perfect "Harvard" crimson in color. It is becoming very popular as a cut flower, and is especially effective for table decorations when used with green foliage, because of its long, graceful spike of large, open flowers. Many flowers open at one time. \$1.00 per doz., \$7.50 per 100.

HERADA. A novelty of true merit. An intense phlox color, shaded pure purple. A tall grower with large flowers, many open at one time. \$2.00 per doz., \$15.00 per 100.

HORTENSE. The finest heliotrope Gladiolus on the market. A rich fuchsia-mauve in color, large, open flowers of great substance. \$5.00 per doz., \$40.00 per 100.

***INDEPENDENCE.** A brilliant begonia-pink, with richly marked throat. A long spike of wax-like flowers. One of the best for cut flowers and for massing, because of its color and the lasting quality of the bloom. 60c. per doz., \$4.00 per 100.

JACINTHE. One of the most valuable of the orchid-shaded Gladioli. A clear iris-lavender with a carmine-purple throat, beautiful in combination with *Primulinus* hybrids. \$5.00 per doz., \$40.00 per 100.

***KLONDIKE.** Clear primrose-yellow with crimson blotch. Flowers round, on a strong spike. Early bloomer and of dwarf habit. 75c. per doz., \$5.00 per 100.

***LILY LEHMAN.** No white Gladiolus equals this variety. A Lily in both name and form, of a pure glistening white, with just a tinting of pink on tips of petals. Matchless in form and coloring. \$1.25 per doz., \$10.00 per 100.

L'IMMACULEE (New). A truly wonderful spike of pure white flowers, with wax-like texture and with great keeping qualities. As pure white as Europa, but of different shape and a longer spike. \$1.50 per doz., \$10.00 per 100.

LOVELINESS. This variety produces flowers of distinction in daintiness and beauty, as the name implies. Color a clear, cream-tinted sulfrano-pink. The flowers are large and well placed on the spike, nearly all being open at one time. \$2.00 per doz., \$15.00 per 100.



HARVARD

GLADIOLI—Continued

MADONNA (New). The finest white Gladiolus yet introduced. Immense blooms of pearly whiteness, absolutely without markings. \$5.00 each.

***MAIZE**. A valuable addition to the list of light colored Gladioli. A soft, light corn-color, tinted rose, with slender tongue of fuchsia-red on lower petals. Its dainty colorings and especially long, graceful spikes, make it most desirable. \$2.00 per doz., \$15.00 per 100.

MARY FENNEL. One of the patricians of the garden. Beautiful, light lavender flowers on a tall, slender spike, lower petals penciled with primrose-yellow. \$2.00 per doz., \$15.00 per 100.

MISS HELEN FRANKLIN. New variety of the ruffled type, a good white with violet markings on the lower petals, vigorous, tall spike with from six to ten flowers open at one time. \$1.50 per doz., \$10.00 per 100.

MRS. A. C. BEAL. Clear buff yellow, with distinct tongue of scarlet on lower petals. Very long, graceful spike, with many blooms open at one time. \$3.00 per doz., \$25.00 per 100.

MRS. BEECHER. Deep rosy-crimson, with white throat. Large flowers. 75c. per doz., \$6.00 per 100.

MRS. DR. NORTON. A pure, soft white, with tips of petals suffused La France pink. Quite the most beautiful variety of this type on the market. Highest awards in its class wherever shown. \$3.00 per doz., \$22.00 per 100.

***MRS. FRANCIS KING** (The Original). A most beautiful "Besnard shade" flame-pink. Immense flowers on a spike growing 4 feet high, with from eighteen to twenty flowers, six to eight open at one time. A magnificent variety. 60c. per doz., \$4.00 per 100.

***MRS. FRANK PENDLETON**. A spectacular variety, producing large, well-expanded flowers; light pink, heavily blotched with blood red in throat. \$1.00 per doz., \$7.50 per 100.

***MRS. JAMES H. LANCASHIRE**. The coloring of this popular Gladiolus is a deep cream, fading to a rose-tinted flesh color, with contrasting stripe of carmine on lower petals. Invaluable for florists' use or for home decoration. Many flowers open at one time. Excellent keeping qualities. \$2.00 per doz., \$15.00 per 100.

***MRS. WATT**. Glowing American Beauty shade, self color, well-opened flower. Nearly all flowers open at one time, spike very erect and not too stiff. Very distinct variety. \$1.00 per doz., \$7.50 per 100.

***MYRTLE**. Clear, delicate rose-pink with throat tinted primrose and white, giving a peculiar cool color effect. Good form, well placed on spike. \$2.00 per doz., \$15.00 per 100.

MYSTERY. A superb, dark reddish-purple, very graceful spike, and a great favorite. Wonderfully effective in large vases. \$5.00 per doz., \$40.00 per 100.

***NIAGARA**. A light crocus-yellow, throat shaded deeper. Large open flowers on a strong spike. For color, texture and keeping qualities this Gladiolus is one of the very best. \$1.00 per doz., \$7.50 per 100.



PINK WONDER

NORA. Beautiful lavender-blue with darker spot on lower petals. \$3.00 per doz., \$22.00 per 100.

***PANAMA**. The companion to America, which has become very popular. A perfect hermosa-pink in color with large, wide-open, wax-like flowers. \$1.00 per doz., \$7.50 per 100.

***PEACE**. A grand white flower, very large, with pale violet feathering on inferior petals; flowers correctly placed on a tall, graceful spike. Plant early as it blooms late. 75c. per doz., \$5.00 per 100.

***PINK BEAUTY**. Pink, with small dark blotch. Earliest of all. Valuable for greenhouse culture. \$1.00 per doz., \$7.50 per 100.

***PINK PERFECTION**. In color a true La France pink. Its soft coloring and magnificent bloom make it one of the choicest of the newer varieties. Large, open flowers on a strong spike. \$2.00 per doz., \$15.00 per 100.

PINK WONDER (Kemp). The sensational new pink Gladiolus, in color a shade lighter than Panama, base of petals light corn-yellow, feathered rose. This wonderful Kemp production is the finest of the pink varieties. \$1.00 per plant, \$10.00 per doz.

PRINCE OF INDIA. A dull old rose, suffused and streaked with purple, with wide open flowers, many open at one time. A unique and attractive variety, well worth trying. \$5.00 per doz., \$40.00 per 100.

GLADIOLI—Continued

***PRINCE OF WALES.** A clear grenadine-pink or deep buff, with throat markings of a deeper tone. The tips of petals shaded darker or apricot-buff. A novelty of great value, eight or ten blooms open at one time on a long, graceful spike. \$2.00 per doz., \$15.00 per 100.

PRINCEPS (Known as the Thousand-Dollar Gladiolus). Amaryllis-like flowers of a rich dark scarlet, marked with white on the lower petals. Foliage of a beautiful dark green, and very attractive. \$1.00 per doz., \$7.50 per 100.

PURPLE GLORY. Dark velvety-maroon, with touches of black on edges of petals. Very unusual. \$1.50 per plant, \$15.00 per doz.

RED EMPEROR. Regal is the only word which adequately describes this Gladiolus. A pure, deep scarlet, immense flowers of great substance, well-placed on a tall spike. A magnificent flower. \$2.00 per doz., \$15.00 per 100.

RED WING (New). Glowing deep scarlet, solid self color. Beautiful in vase or garden. \$3.00 per doz., \$22.00 per 100.

***ROUGE TORCH.** Large, creamy-white flower, with a rouge, torch-like tongue on inferior petals, making a striking contrast. \$2.00 per doz., \$7.50 per 100.

SCARSDALE. Long, graceful spike of wide-open flower. A deep jacinthe, shading to lavender-iris with rose tints. \$1.00 per doz., \$7.50 per 100.

SCHWABEN. This is the largest and strongest flowered yellow Gladiolus. A clear citron-yellow with aster-purple tongue on lower petals. Buds sulphur yellow. \$1.00 per doz., \$7.50 per 100.

SULPHUR KING. A long spike of clear sulphur-yellow flowers. \$2.50 per doz., \$20.00 per 100.

SUNRISE. This exquisite canary-yellow Gladiolus is invaluable as a cut flower and for bedding. Long spikes of dainty flowers, clear color with no marking. As a cut flower, in combination with America and Baron Hulot, it is especially fine. \$2.00 per doz., \$15.00 per 100.

SUNSET. A rich cream color, suffused with rose. Dark carmine almost brown throat. Very unusual and strikingly beautiful. \$5.00 per doz., \$40.00 per 100.

VELVET KING. Large, open flowers of gorgeous scarlet, suffused rose. Very unusual and splendid for masses of color. \$1.00 per doz., \$7.50 per 100.

WAR. Deep blood-red, shaded crimson-black, wide-open flowers. \$1.00 per doz., \$7.50 per 100.

WHITE GLORY. A very striking variety, tall and showy. Color a clear, solid white, with dark iris-blue tongue on lower petals. In appearance it is like an Iris. \$3.50 per doz., \$30.00 per 100.

WHITE KING. A ruffled variety, flowers of sulphur-white, with slight markings of purplish-rose in center, the robust spikes are very tall. \$1.00 per doz., \$7.50 per 100.

WHITE WONDER (Kemp). A superb white with lily-like flower, having the same habit as the very popular variety Mrs. Francis King. Flowers pure white without markings. Splendid for forcing and a marvel for the garden. \$1.00 per plant, \$10.00 per doz.



PRINCEPS

WINE KING. Most pleasing wine-red, with purple tints and very dark red throat. Not a large flower but especially good in color and form, and a great favorite. \$2.00 per doz., \$15.00 per 100.

***WILBRINK** (New). This variety has everything to recommend it. Immense blooms of a delightful flesh pink, on a graceful spike. An early and profuse bloomer. A few spikes make a splendid decoration. \$2.00 per doz., \$15.00 per 100.

WISTARIA. Pale lavender, suffused violet, with darker throat. One of the few good bluish-lavender varieties. \$5.00 per doz., \$40.00 per 100.

***YELLOW PRINCE.** A choice addition to the yellow Gladioli. A clear pinard yellow with flowers well placed on a willowy stalk. Fine in combination with all lavenders. \$2.00 per doz., \$15.00 per 100.

AMATEUR MIXTURE. Includes all the best varieties selected from the collections of the best hybridizers and growers of both American and European countries. All varieties have been selected with a view of eliminating all colors which do not harmonize either in cut flowers or garden planting, giving a most interesting and satisfactory mixture to grow. \$5.00 per 100, \$40.00 per 1000.

NAMED VARIETIES of Primulinus Hybrids

- ALBIA.** Very rich rose-pink with lighter throat and delicate markings. \$2.50 per doz., \$18.00 per 100.
- ALICE TIPLADY.** The queen of the Primulinus type. A soft, coppery bronze. In color, texture, and contour nothing surpasses this variety. \$2.00 per doz., \$15.00 per 100.
- ALTAIR.** Magnificent blooms of salmon-saffron. One of the choicest. \$2.00 per doz., \$15.00 per 100.
- ANGOLA.** Exquisite flowers of salmon-pink on long stalk. \$1.50 per doz., \$10.00 per 100.
- ANITA.** Rich canary-yellow with deeper throat. Many open flowers. \$2.00 per doz., \$15.00 per 100.
- BUTTERCUP.** Deep nankeen-yellow, narrow crimson stripe on lower petals. One of the best of the new named Primulinus Hybrids. \$1.00 per doz., \$7.50 per 100.
- COPPER KING.** Unusual coloring. Copper tinted red. Large flowered of fine form on long stems. One of the best of the hybrids. \$1.00 each, \$10.00 per doz.
- DEXTER.** Purest blush pink, tinted rose, throat cream yellow with no markings. One of the most popular. \$2.50 per doz., \$18.00 per 100.
- ELBERTON.** Deep cream yellow with darker throat. Large flowers and very rich coloring. \$1.00 per doz., \$7.50 per 100.
- GOLD DROP.** An extra large, pure yellow, with beautiful red line on petals. \$2.00 per doz., \$15.00 per 100.
- HERMIONE (New).** Unusual but charming shade of geranium-rose. Holland novelty of great beauty. \$5.00 per doz., \$40.00 per 100.
- IOLA.** Medium size blooms of deep yellow. Tall, graceful spike. \$2.00 per doz., \$15.00 per 100.
- JASPER ROSE (Novelty).** Most unusual in color and form. Deep rose with jasper tints. Large, hooded blooms of great beauty. \$3.00 per bulb.
- LEANDER.** Heliotrope, suffused lavender. Large flower for this type and beautiful in combination with all other Primulinus hybrids. \$2.00 per doz., \$15.00 per 100.
- LINTON.** Flowers of salmon-rose, edge of petals deeper shade. Profusion of blooms and a joy in every garden. \$2.00 per doz., \$15.00 per 100.
- MAIDEN'S BLUSH.** Enchantress pink flowers of finest form on stiff, slender stalk. Quite the most beautiful pink variety. \$2.00 per doz., \$15.00 per 100.
- MIDSUMMER DREAM.** Splendid, deep geranium-rose flowers on a very graceful spike. Especially fine for home use. \$2.50 per doz., \$20.00 per 100.
- PRIMULINUS.** A rare species from Victoria Falls, South Africa. Small flowers of a primrose-yellow. Fine in the border with perennials. \$1.50 per doz., \$10.00 per 100.
- PRIMUNELLA.** Wide open butterfly blooms of softest rose-pink with clear cream throat, no markings. One of the best. \$5.00 per doz., \$40.00 per 100.
- REGULUS.** Very much the same coloring as Primunella, smaller blooms with slight throat markings. Very good. \$2.00 per doz., \$15.00 per 100.
- ROANOKE.** Splendid, rich yellow Primulinus hybrid, open flowers with crimson lines in throat. One of the best yellows, of fine form. \$1.50 per doz., \$10.00 per 100.
- SENECA.** Delicate pink, opal tints on yellow. \$2.00 per doz., \$15.00 per 100.
- SIMPLICITY.** Soft, creamy yellow, heavily suffused salmon. Beautiful for every purpose and one of the most charming varieties. \$2.00 per doz., \$15.00 per 100.
- VIKING.** Geranium-red, suffused rose, dainty blooms and very delicate stems. A rare flower in both color and form. \$5.00 per doz., \$40.00 per 100.
- *PRIMULINUS HYBRID MIXTURE.** Obtained by crossing the species Primulinus with the larger varieties. They have retained all the daintiness and graceful form of their Primulinus parent, even to the "hood" formed by the drooping of the upper petal, and have an added beauty of exquisite coloring, from the softest primrose to a beautiful rose. 75c. per doz., \$5.00 per 100.



PRIMULINUS HYBRIDS

ROSES FOR OUTDOOR PLANTING

Cultural Notes

The cultivation of Hybrid Tea Roses is as follows:

THE SOIL

The soil which best suits the Rose is a deep, unctuous loam, with free drainage, as Roses do not thrive where there is stagnant moisture. If these conditions are not to be had naturally, they must, as far as possible, be provided. In the first place, if drainage is bad, the soil must be thrown out to a depth of 18 inches, and, if it is not convenient to use tiles, about 5 or 6 inches of broken bricks or other rough material should be thrown in the bottom, and a layer of turf laid on top, grassy side down. On the top of the turf should be placed a layer of well-decayed farmyard manure, then a light layer of soil, and another layer of manure, on top of which should be placed the remainder of the soil, to which, if light and sandy, should be added a liberal supply of well-chopped-up turf, raising the whole of the bed to a height of about 12 inches above the original level of the soil. In case of heavy land, a layer of lime rubble should be added, as this will help to sweeten the soil.

PLANTING

Should be deferred until the soil is in proper condition to receive the plants, as it is a great mistake to plant in wet soil. Teas and Hybrid Teas should be planted about 18 inches apart and the Hybrid Perpetuals 2 feet apart, keeping all manure away from direct contact with the roots when planting. Firm the soil well around the plants and give a thorough watering.

PRUNING

All the short, prematurely ripened wood and all small shoots should be cut clean away, leaving just the strongest shoots from 4 to 6 inches long. Pruning should be done immediately after the plants are set out, if it has not been previously done.

This close pruning does not apply to the Hardy Climbers or Ramblers; these should be shortened back if they have grown beyond their allotted space and thin out the very small shoots.

PROTECTION

Before the ground freezes solid the soil should be pulled up around the base of the plants, 7 or 8 inches, and the surface of the bed afterward well covered with dried leaves or cornstalks. When so protected, even the most tender varieties of Hybrid Tea Roses are entirely hardy as far north as Winnipeg.

INSECTS

Caterpillars and rose grubs are the worst pests that attack Roses, and these should be destroyed by hand picking when they first appear. Green flies are also troublesome in most sections, but if the plants are syringed carefully with a solution of soft soap in the proportion of one pound to six gallons of water with some tobacco dust added to the same, it will be found effective.

MILDEW

This will appear on Rose plants in the early Autumn or during the Summer if the weather is very, very wet. The best preventative is Sulphide of Potassium used in the proportion of $\frac{1}{4}$ ounce to a gallon of water and sprayed on the foliage once a week, when the mildew first makes its appearance.

Novelty Garden Rose for 1924

"SENSATION"

(Jos. H. Hill)

This superb crimson, which is a seedling that originated with Joseph H. Hill, bids fair to give us in crimson what the American cultivators have been looking forward to for many years; that is, an American-raised variety that will withstand the more rigorous conditions of our climate.

Too many of the wonderful European varieties when they reach here, while they are exquisite in color and shading in their native home, bleach out considerably and do not begin to do themselves justice.

American hybridists have realized that in order to produce a satisfactory Rose, it would have to combine not only hardiness and vigor, but must have exceptional substance in the petalage to withstand the sunshine. In this respect, Sensation is a great advance over existing sorts. The color is a wonderful shade of crimson, before the long, pointed buds open. When the flowers open, the petals have substance enough to carry along for several days on the plant, without shattering.

The fragrance of this Rose is unsurpassed, reminding one very much of the old General Jacqueminot.

Sensation is a Premier seedling, combining the fragrance of this latter Rose with its floriferousness. The growth of this new variety is strong and vigorous, with ample foliage, and the plant will produce successive crops of flowers throughout the whole season. Has been hailed by the forcing Rose growers as the Rose they have been waiting for for years, because all other red Roses introduced to date lack freedom of bloom. Sensation cannot be improved on in this respect and another year, we predict, will find it in practically every garden in the country.

**Price: Two-year-old pot plants, April and May delivery,
\$2.50 per plant, \$25.00 per doz.**



SENSATION

Price: Two-year-old pot plants, April and May delivery,
\$2.50 per plant, \$25.00 per doz.

Rose Novelties for 1924

Price: \$2.50 per plant, \$25.00 per doz.

AMERICA

Blooms continuously from early May until heavy frost, on stems $2\frac{1}{2}$ to 3 feet long, and the color is the most glorious glowing rose-pink imaginable. The buds are long and pointed, and open up most artistically as the outer petals fold back, leaving the high-pointed center fully exposed. It is of Ophelia habit in the fact that it is disease resistant, always having a clean, glossy foliage at all seasons of the year. It rivals the American Beauty in size of flower, and we strongly suggest that if you are looking for a marvelous Rose you will make no mistake in growing America.

ELDORADO (Land of Gold)

An exact reproduction of Miss Lolita Armour in every way except color. This is of a golden yellow, with the petals slightly tinted red.

MISS LOLITA ARMOUR

Deep coral-red with a golden coppery-red suffusion. Base of petals rich golden yellow with coppery-red sheen. Strong growing habit and very free flowering. One of the most fragrant of the entire list of Garden Roses.

MRS. HENRY MORSE

A McGREDY INTRODUCTION

Described as a Rose that stands alone among the many beautiful varieties of its class. Wonderful coloring of soft, flesh-cream, with a clear sheen of bright rose washed vermilion; shape and form perfect with a marvelous freedom of habit and growth. Very sweetly scented.

SOUVENIR DE GEORGES PERNET

While this is not as sensational in color as the Claudius Pernet we know it is one of the most promising bedding Roses offered in many years. It is wonderfully vigorous in growth and freedom of bloom. The color of the flowers, which are exceptionally large and of globular form, is a brilliant orient-red, shading to cochineal-carmine at the end of the petals and the entire Rose is suffused with a golden sheen, making it one of the most attractive colored Roses that has been offered in many years.

SOUVENIR DE H. A. VERSCHUREN

The color resembles Sunburst and Lady Hillingdon, but is much larger and more double in flower; attractive both in bud form and when fully developed. An ideal bedding Rose for the garden. This is the first year of introduction, but we feel confident H. A. Verschuren will be with us for many years to come as an ideal, hardy Rose.

Two-year-old dormant plants, delivery March and April

For those who cannot plant their garden before May or June we will have pot plants of these varieties, two-year-old stock in full leaf, that will flower almost immediately after being planted, at the same price.

Price: \$2.50 per plant, \$25.00 per doz.



SOUVENIR DE CLAUDIUS PERNET

With the third year of its introduction this is still the premier yellow Rose for the garden. Everyone who has grown Claudius Pernet is delighted with it, and the demand is still far ahead of the supply. This variety is a clear shining yellow, with very glossy foliage. The growth of the plant is sturdy and clean, and it has made a mark for itself in all sections of the country as being the yellow Rose of the century.

Hardy Garden Roses

The general demand nowadays in Hardy Roses is for the Hardy Hybrid Tea type, since they give the greatest number of flowers during the season.

All of the varieties we list we have tested personally in our gardens, and they have been found satisfactory in practically all sections of the country.

In our list we include a few of the old-time favorites of the Perpetual type, such as Frau Karl Druschki, Paul Neyron, etc., that are sometimes asked for by our customers.

Under ordinary conditions of culture any of the varieties selected from the following list will give quantities of flowers, and are splendid, clean, healthy growers.

Price: \$1.00 each per plant, \$12.00 per dozen, \$90.00 per 100, except where noted.

HYBRID TEA ROSES

AMALIE DE GRIEFF

Rose-color, tinted white; blooms long and shapely. Splendid variety for cutting. Clean foliage.

BARONESS ROTHSCHILD

A very large Rose of pale silver pink; one of the best of the perpetual type.

BEAUTE DE LYON

A Polyantha or Austrian Briar Rose. Superb coral-red, slightly shaded yellow. A splendid acquisition for any garden.

BETTY

Coppery-yellow, overspread with golden rose; long, pointed buds.

CAROLINE TESTOUT

Salmon-pink, large and very free; one of the very finest Roses ever produced for any purpose.

COLUMBIA

One of the finest of the outdoor pink Roses, so far introduced. It is strong and sturdy in growth, with handsome foliage which is almost immune to the ravages of black spot and mildew. The color is a glowing pink, and unlike most pink flowers, when it is fully developed, it is more vivid in color than in the bud state and the flowers last longer than any other variety.

CONSTANCE

Long, orange-yellow bud; streaked with crimson; large, full flower; a greatly improved Rayon d'Or.

DUCHESS OF WELLINGTON

Intense saffron-yellow, stained crimson, long pointed flowers, of wonderful fragrance and very productive.

FRAU KARL DRUSCHKI

Pure snow white, long pointed buds, large, full flowers.

FLORENCE PEMBERTON

Large, creamy white, flushed peach, very productive in Summer and Fall. Bright glossy foliage.

GENERAL MACARTHUR

Deep velvety scarlet; free and erect branching.

GEORGE ARENDS

Rose-colored, very free and fragrant.

GOLDEN EMBLEM

A perpetual blooming Rose of deep orange when first opening, flushed claret-red, and opening to a pure sulphur-yellow. It surpasses Marechal Neil in form and striking color. Ideal in growth and habit; a most striking Rose.

GOLDEN OPHELIA

Introduced by us three years ago and has proved itself one of the most popular yellow Roses for the garden. The demand for this Rose has exceeded the supply until this year. It is a clear bright yellow in color, and while the individual flowers are not large, it produces quantities of blooms at all times.

GORGEOUS

When first opening, the bud is heavily veined clear yellow, but when fully developed the flower is an improved Juliette. Delightfully fragrant, handsome foliage, and a strong, vigorous grower.

GRANGE COLOMB

Deep, rich creamy yellow with deeper center of salmon-fawn pink. Nice bedding variety.

GRUSS AN TEPLITZ

Brightest scarlet-crimson; splendid Rose for massing.

HARRISONII

One of the Austrian Briar type; golden yellow, semi-double, and very free flowering.

HYBRID TEA ROSES—Continued



ROSE HUGONIS

HARRY KIRK

Deep sulphur yellow; medium sized blooms.

HOOSIER BEAUTY

A rich, velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities.

HUGONIS

A remarkably hardy variety, blooming the first week in May, and growing about 6 feet in height; single, dainty yellow flowers, growing on the branches like Hollyhocks. Immune from diseases of all descriptions.

IRISH FIREFLAME

A single Rose of only five petals, but wonderfully striking. Bud is intense, fiery crimson at the base, shading to a rich orange-salmon.

J. K. L MOCK

Inside of petals deep cherry-red with outer petals silvery pink; very large flowers borne on long, stiff stems. Has been a favorite of Rose lovers for many years, as it is so hardy and satisfactory in every way.

KAISERIN AUGUSTA VICTORIA

Creamy white; immense substance; petals smooth and nicely arranged. A popular variety.

KILLARNEY

Pale flesh pink, flushed deeper pink; very free and perpetual.

KILLARNEY BRILLIANT

A duplicate of the original Killarney in all respects save color, and this is far more intense and rich. Further description of such a popular Rose is unnecessary.

LADY HILLINGDON

Very free blooming and beautiful, even, coppery-yellow in color all through the year and particularly fine.

LADY ALICE STANLEY

The outside petals are a deep rose-pink; inside pale flesh, slightly flushed with a deeper shading, a most beautiful color combination. Blooms are very large and full, of great substance and productiveness and one of the most fragrant Rose in existence.

LADY PIRRIE

Outside of petals, deep coppery reddish-salmon, inside of petals flushed fawn on copper; large, full, long-pointed flowers, opening freely and flowering in immense profusion.

LAURENT CARLE

Deep rosy-carmine, full flowers, very fine grower.

LOS ANGELES

Growth, very vigorous, flowers luminous flame-pink toned with coral, with lighter shadings at the base; buds are long and pointed and expanding to a flower of mammoth proportions. Very fine form. Vigorous foliage. \$1.50 per plant, \$15.00 per doz.

LOUISE CATHERINE BRESLAU

Coral red, shaded chrome-yellow, opening to a large, full flower of shrimp-pink, shaded coppery-orange.

MARY, COUNTESS OF ILCHESTER

Deep coppery-carmine, very full and free flowering.



ROSE EDOUARD HERRIOT (See page 70)

HYBRID TEA ROSES—Continued

MME. ABEL CHATNEAY

Carmine-rose, shaded salmon; large, full flowers opening freely.

MME. EDOUARD HERRIOT

(SYN. DAILY MAIL ROSE)

Color of this Rose is a gorgeous combination of reddish-terra cotta and bronze, with flame shadings; almost impossible to describe; foliage bright and glossy and practically mildew-proof. Artists have raved over this variety for the past two seasons in Europe.

MME. JULES BOUCHE

One of the finest garden Roses in the white section; of splendid form, and a very strong grower. We cannot too highly recommend Mme. Jules Bouche to any grower looking for a good white variety.

MME. SECOND WEBER

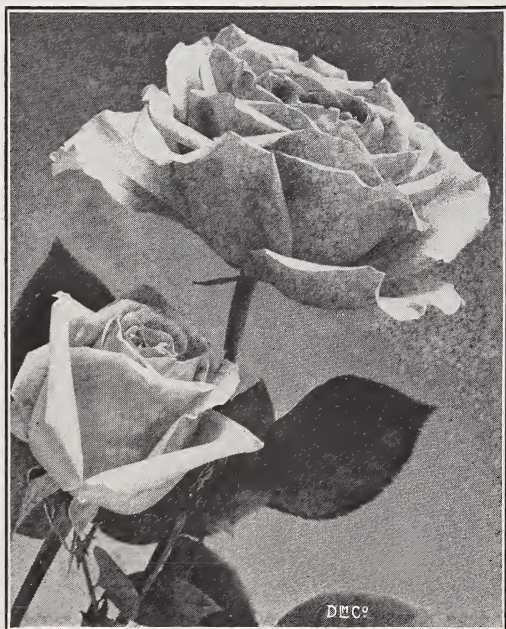
Pure, light rosy-salmon; vivid center.

MRS. AARON WARD

A general favorite, rather short in bud, but wonderfully free flowering. In the bud state color is a beautiful, rich yellow, which changes to shades of pink as the flower develops.

MRS. ARTHUR COXHEAD

Claret-red, shading vermilion toward the edge with a bright rosy sheen toward the base of the petals. Wonderfully fragrant.



ROSE PREMIER

MRS. JOHN LAING

Soft pink, well formed, one of the best. Perpetual type.

MRS. WAKEFIELD CHRISTIE-MILLER

Soft, pearly blush, shaded salmon, loose flowers of very distinct appearance.

MRS. A. R. WADDELL

Reddish-salmon in color; strong grower and very healthy in habit.

OPHELIA

Color clear, bright salmon, often deepening toward golden-pink; wonderfully fragrant, with long-pointed buds and stiff stems. Large, handsome foliage, showing that it is a wonderfully free bloomer and grower and not prone to mildew. Growth free and continuous.

PAUL NEYRON

One of the Perpetual type, or June Rose. Deep rose in color, immense in size of flower and very hardy and vigorous in growth.

PREMIER

Rose Premier is a cross between Ophelia and Russell. It has the stiff, thornless stem and quick free growth of Ophelia, with ample foliage, approaching Ulrich Brunner or American Beauty in arrangement and size of leafage. The habit is perfect for a forcing Rose; the breaks come quickly and are of fine length, every one producing a flower, even the shorter stems giving fine quality of bloom.

QUEEN OF FRAGRANCE

Pale shell-pink tipped silvery pink, very free flowering and one of the most fragrant varieties introduced to date. Awarded a certificate by the National Rose Society.

RADIANCE

A splendid and popular Rose; deep pink in color. Will produce 3-foot breaks without pinching, almost mildew-proof, and a wonderfully fine Rose to handle.

RED REDIANCE

A duplicate of its parent in every respect save color, which is a brilliant red; very free flowering in habit and vigorous in growth. A wonderful variety in every way and a welcome addition.

SUNBURST

The bud is long and pointed and when first opening is a deep shade of orange-copper. When fully developed, in common with almost all other yellow Roses, the color is somewhat lighter.

ULRICH BRUNNER

Cherry-red; very large and of fine form.

WHITE KILLARNEY

Similar to Killarney in all respects save color. Most largely grown white in cultivation today.

HYBRID TEA ROSES—*Continued***MADAM BUTTERFLY**

Described as a glorified Ophelia. It is altogether more vigorous in growth than its parent, Ophelia, as grown side by side in our establishment. Foliage and habit can be most quickly described as unsurpassed by any existing variety. The individual bud is larger and the color tints of Ophelia are greatly intensified, making it a harmony of bright pink, apricot and gold. It is so much superior to Ophelia in every way that we predict it will take the place of the latter variety. Dormant plants, April delivery, or 5-inch pot plants, May and June delivery.

Price: \$1.25 per plant, \$12.00 per doz., \$100.00 per 100.

NOVELTY POLYANTHA ROSES FOR 1924

Price: \$1.50 per plant, \$15.00 per doz.

CORAL CLUSTER

The most brilliant coral-pink Polyantha Rose introduced to date. This variety comes to us from England, and is one of the very finest of its type.



CORAL CLUSTER

IDEAL

A dwarf growing Polyantha of great merit, flowers dark amaranth-red, produced in large clusters. An ideal variety, as its name implies for giving satisfaction and results.

THE CHATILLON ROSE

Color, silvery crimson, shading to white in center, produced in great sprays of from fifteen to thirty flowers on a branch, and remain in good condition without shedding a petal for several weeks. Is ideal for cut flower work of all kinds, and with its graceful habit and freedom of flowering, we feel confident it will be one of the most popular Roses grown in the garden once it becomes well known.

BABY RAMBLER AND DWARF POLYANTHA ROSES

These are delightful for massing in beds, or as edges for borders. They are most profuse and continuous bloomers and their small, neat flowers are produced in large clusters.

Price: \$1.00 per plant, \$10.00 per doz.

ERNA TESCHENDORFF

Deep crimson which does not fade; a valuable sport from Levavasseur.

KATHERINE ZEIMET

Pure white; small and double; very free and good.

JESSIE

Glowing crimson; the finest red to grow.

LAFAYETTE

A strong growing, very profuse flowering Polyantha; crimson-scarlet in the bud, developing as it expands to a brilliant rosy-cerise. It is borne in clusters of good size, the individual flowers being about the size of Paul's Scarlet Climber.

ORLEANS ROSE

Brilliant rosy-red; immense trusses of bloom.

PHYLLIS

Bright carmine-pink, of erect, branching growth; one of the freest and finest in this section.

CLIMBING ROSES

Price: \$1.00 per plant, \$10.00 per doz.

AMERICAN PILLAR

Single flowered variety of great beauty. Flower 3 or 4 inches across borne in immense clusters. Brilliant shade of pink with clear white eye; wonderfully decorative even when not in flower as the blooms are followed with brilliant red berries and this variety retains its foliage much later than most varieties.

CARISSIMA

Delicate flesh-pink, a dainty variety in every way.

CLIMBING AMERICAN BEAUTY

This is one of the best of the Climbing Roses. A strong, vigorous grower with large flowers of pleasing rose-pink, freely produced.

CLIMBING COLUMBIA

A climbing form of the popular Columbia that sported with us two years ago. While it needs protection in the northern states it will be a wonderful Rose in the south, as it will produce canes 6 to 10 feet in length and bloom profusely from the side shoots. Flower is identical in every respect with the parent Columbia. One of the most popular pink Roses grown today. Strong plants from 4-inch pots that we guarantee to bloom and give every satisfaction. \$1.50 per plant, \$15.00 per doz.

CLIMBING LADY ASHTOWN

This is a Hybrid Tea variety and perhaps one of the best in the whole section of Climbing Teas. Its merit is in the wonderful way it produces flowers throughout the whole season, being apparently almost equally good in the Fall as in June, when it first comes into bloom.

DR. W. VAN FLEET

Beautiful flesh-pink, borne on long stems; buds long and pointed, plants very strong, brilliant dark glossy foliage, mildew-proof, splendid for cutting.

DOROTHY PERKINS

Clear, bright pink, trailing growth, profuse bloomer.

EXCELSA

Very distinct variety, particularly vigorous with healthy, dark, glossy foliage. Color of the flower intense crimson; individual flower very large and double for this type of Rose. Excelsa is grown today in place of the old Crimson Rambler, as it is practically mildew-proof and much deeper in color.

GARDENIA

Bright yellow, changing to creamy white.

HIAWATHA

Forms splendid long sprays of very large blooms; color of individual flower, brilliant ruby with a clear white eye. One of the best climbers we offer.

PAUL'S SCARLET CLIMBER

The flowers are medium in size, being semi-double and carried three to six flowers on each spray. Paul's Scarlet Climber has received several gold medals. \$1.50 per plant, \$15.00 per doz.



HIAWATHA

LADY GAY

Delicate pink; larger in flower than Dorothy Perkins.

SILVER MOON

Pure white in color with yellow stamens in the center, showing up a very attractive variety. Foliage bronzy-green; stems of flowers very long and fragrance very lasting.

TAUSENDSCHOEN

Delightful shade of soft pink when first opening; produces in clusters of ten to twelve flowers. One of the very finest of the entire climbing section.

WHITE DOROTHY

Pure white sport of Dorothy Perkins, identical in every way except color, which is snow white.

HALF STANDARD ROSE ORLEANS

Very suitable for small gardens and Rose gardens. Rosy-red with tremendous trusses of blooms. Stems 20 to 24 inches. \$2.50 each, \$25.00 per doz.



Hardy Perennial Plants

There are very few lawns and gardens where the ever-increasing popular hardy perennials would not grow and flourish. If you have never had the joy and pleasure of planting and caring for a perennial border or a hardy garden, a great treat is in store for you. Where can one find plants so attractive and so easily cultivated with such gratifying results? By the careful selection of varieties and by arranging and grouping them as to colors and heights, a succession of bloom can be had from the earliest bulbs in the Spring until the last Chrysanthemum in the Fall. After they are once established these plants can be depended upon to greet you year after year.

We are always glad to help with planting problems and to assist with cultural directions. All plants listed below are field grown clumps, guaranteed to give immediate results.

Price: 30c. each, \$3.00 per doz., \$20.00 per 100, except where noted.

ACHILLEA (*Yarrow*)

PTARMICA FL. PL., "THE PEARL." Pure white, double flowers; one of the very finest things ever sent out; produces profusely the entire Summer. Splendid for cut flowers. 2 feet.

ÆGOPODIUM

PODAGRARIA VARIEGATA. A quick growing plant with green and yellow foliage, which does well in all sections; splendid border plant. 1 foot.

AGROSTEMMA (*Rose Campion*)

WALKERII. Brilliant rose-erimson; excellent for cutting. 2½ to 3 feet.

CORONARIA ALBA. Pure white, with hairy, silver leaves. 2½ to 3 feet.

ALYSSUM (*Rock Madwort*)

SAXATILE COMPACTUM. Splendid plant for the rockery or border, growing a foot high; golden yellow flowers with dense, compact heads. 1 foot.

ANCHUSA (*Alkanet*)

DROPMORE VARIETY. Rich gentian-blue; one of the earliest of the blue flowers. Plants form beautiful specimens, 3 to 4 feet high. One of the most exquisite blue flowers for the garden.

ANTHEMIS (*Hardy Marguerite*)

KELWAYII. Large, golden yellow, Daisy-like flowers produced continuously all Summer. This golden yellow flower attains a height of 2½ feet.

ARABIS (*Rock Cress*)

ALPINA. Pure white flowers produced in dense masses, splendid for border work and last quite some time when cut. Forms a dense carpet of white flowers.

AQUILEGIA (*Columbine*)

The native flowers of North America are wonderfully useful; cast-iron in their hardiness, and when cut on their dainty, long stems, when flowers are in bloom, are most attractive.

CÆRULEA. Violet-blue and white. 2 feet.

CALIFORNIA HYBRIDS.

Very beautiful hybrids; sepals and petals tinged with orange, with long spurs of orange-red. 2 to 2½ feet.

CHRYSANTHA. Golden yellow variety; sepals primrose yellow, petals deeper yellow, shaded with claret at the tip. 3 feet.

GRANDIFLORA. Superb type; long-spurred hybrids, mostly pure white or light in color. 3 feet.

ROSE-PINK. A beautiful selection of long-spurred pink and rose shades. 2 feet.

TOTTY'S LONG-SPURRED HYBRIDS.

Distinct, long-spurred hybrids, very strong in growth; flowers very long in size, varying in color, creamy white, pink, pale blue, etc.



AQUILEGIA

Hardy Asters, or Michaelmas Daisies



HARDY ASTERS

These lovely Fall flowering subjects which are natives of North America and absolutely hardy in any section of the country, deserve much more extensive cultivation. The following varieties are the cream of the European collection and are well worthy of a place in every garden, since they are so distinct in type and novel in colors.

CLIMAX. Beautiful light blue, and when full grown, will measure 2 inches across.

FRANCIS SANDS. Lovely Cornflower-blue, very novel color in Asters. Nicely shaped flowers of medium size; very striking; pyramidal habit; flowering in September. Height 4 feet.

MRS. DAVIES EVANS. Beautiful heliotrope-blue, flowering in September. Height 4½ feet.

HARDY ASTERS—*Continued*

MRS. WALKERDINE. Pale blue. Height 3½ feet. Very valuable for cutting.

MRS. D. MITCHELL. Pure pink, resembling St. Egwin, but much taller and far superior. Height 4 feet.

RYECROFT PURPLE. Very strong grower; flowers 2 inches across, freely produced. Height 5 feet.

TATARICUS. Distinct, large, bluish-violet variety. Very late blooming kind. Height 6 feet.

WM. BOWMAN. Rosy-purple that is satisfactory under all conditions and one of the very best known of this type. Height 4 feet.

BAPTISIA (*False Indigo*)

AUSTRALIS. Splendid border plant, growing about 2 feet high, with spikes of dark blue flowers in June.

BOLTONIA (*False Chamomile*)

ASTEROIDES. Flower heads pure white; flowering at the same time as the popular Michaelmas Daisies. 5 to 6 feet tall.

LATISQUAMA. Beautiful pink flowers. 5 feet.

BELLIS (*English Daisy*)

PERENNIS. Double pink, very largely used as a Spring bedding plant. 6 inches.

BOCCONIA (*Feathery Poppy*)

CORDATA. Flowers insignificant in size, but very numerous, borne in large, terminal panicles, but distinct in appearance. 5 to 6 feet. Very hardy habit.

BUDDLEIA

VARIABILIS VEITCHIANA. Beautiful violet-mauve; a splendid Summer flowering shrub, absolutely hardy under any conditions; flowers are borne on long, cylindrical spikes, 12 to 15 inches in length; flowers the first season it is planted; a beautiful plant, 3 to 6 feet.

VARIABILIS MAGNIFICA. Similar to the above, only difference being the flower is a deeper color, shading toward rose.

CAMPANULA (*Bell Flower*)

The Campanulas mentioned below can be grown in any average garden and when potted and allowed to flower indoors are among the finest subjects for Spring decorations.

BLUE. Single type.

WHITE. Single type.

PINK. Single type.

CALYCANTHEMA. (Cup and Saucer variety). White, rose and blue, splendid when grown in a small group or in masses. Height 3 feet.

MEDIUM. Assorted colors; white, pink and mauve. Single varieties in same colors. Height 2½ to 3 feet.

CARPATICA. A pretty species which only grows 5 to 8 inches.

PERSICIFOLIA ALBA (White Peach Bells). Height 2 feet.

PERSICIFOLIA BLUE. The blue type. Height 2 feet.

CASSIA (*Senna Plant*)

MARILANDICA. Bushy growing plant which attains a height of about 3½ feet. Flowers profusely from July to August. Flowers form in panicles of brilliant yellow masses. Foliage pale green, making a pleasing combination.

CENTAUREA

(*Knapweed*)

MONTANA (The Perennial Cornflower). Producing large, violet-blue flowers from July to September. 2 feet high.

CEPHALARIA (*Roundheads*)

ALPINA. Tall growing plants; 5 to 6 feet; delicate sulphur-yellow flowers.



CHRYSANTHEMUM (*Shasta Daisy*)

HARDY PERENNIAL PLANTS—Continued

CERASTIUM

TOMENTOSUM. Silvery, low-growing foliage plant which is used very largely for planting dry, sunny spots. Carpet growth.

CHELONE (*Shell Flower*)

BARBATA. Hardy border perennial of Pentstemon-like habit, producing long spikes of brilliant, scarlet flowers. Has not been grown very extensively in this country as yet. Height 3 feet.

CHRYSANTHEMUM (*Shasta Daisy*)

MRS. CHARLES L. BELL. A fine, improved form of English Daisy, blooming continuously during the months of June and July, and attains a height of about 2½ feet.

KING EDWARD VII. Pure white, large flowering type; blooming in July. 2½ feet.

COREOPSIS (*Tickseed*)

LANCEOLATA GRANDIFLORA. Rich golden yellow. One of the finest flowers for cutting ever introduced to cultivation. Height 3 feet.

Delphiniums, or Perennial Larkspurs

We have made a specialty of Delphiniums now for some years, as we realize their utility and feel there is a place in every garden in the country for these sterling plants.

BELLADONNA. Lovely shade of light blue and is the variety most largely grown for cut flower purposes for the wholesale market. Height 3 feet. 50c. per plant, \$5.00 per doz., \$35.00 per 100.

CHINENSE. This species is a native of China, and of all the many types of Delphiniums we consider it the best, either for cut flower or bedding purposes. Grows from 1 to 2½ feet high, depending on the richness of the soil. Blooms continuously from early Spring until late Fall. Color, a wonderful shade of blue. 50c. per clump, \$5.00 per doz., \$35.00 per 100.

DELPHINIUM SEEDLINGS

As the result of years devoted to their culture, we can offer for Spring planting seedling clumps of the very finest named types and challenge comparison with any other house in the country with our seedling Delphiniums. Were they grown in Europe, many of them would be named and sold at a high price. Dozens of letters were received by us the past year complimenting us on our superior seedling Delphiniums, and many of them stated that though they had grown Delphiniums for years, they had never received plants that gave so much satisfaction and pleasure as our seedlings. One year old clumps \$5.00 per doz., \$35.00 per 100; 3-inch pot plants, 30c. per plant, \$3.00 per doz., \$20.00 per 100.





DIANTHUS ALWOODII

DIANTHUS

ALWOODII. Perpetual flowering, hardy Carnations, flowering continuously from Spring until Fall. Very sweetly scented and cannot be surpassed for cut flowers. All colors in this assortment. See **PINKS**.

DIELYTRA (*Bleeding Heart*)

SPECTABILIS. Graceful, heart-shaped, pink flowers; one of the choicest memories of old-fashioned gardens. Easily cultivated in borders and wild gardens. Especially valuable for planting in shady spots. 1 to 2 feet. 75c. per plant, \$7.50 per doz.

DIGITALIS (*Foxglove*)

The lovely Foxgloves with their stately spikes of lovely, oftentimes spotted flowers must be considered among the most charming objects of the hardy border and rockery. They thrive best in partly shaded situations, have an iron-clad constitution and live for years, increasing in size and beauty as time rolls by.

GLOXINIÆFLORA (Gloxinia Flowered). Assorted strain of spotted varieties. 5 feet.

LANATA. Immense spikes of yellowish-gray flowers. 3 feet.

MONSTROSA. Very large flowers, in rose-purple and white. 4 to 5 feet.

ECHINOPS (*Globe Thistle*)

SPHÆROCEPHALUS RITRO. Round heads of bluish-white, attractive flowers. 3 feet.

ERIGERON (*Fleabane*)

SPECIOSUM. Marguerite-shaped flowers that are very useful for cutting, and do well in any soil. Flowers in July and August attaining a height of 2 feet.

ERYNGIUM (*Sea Holly*)

This plant produces flowers in August and September, which may be cut and dried for Winter bouquets.

PLANUM. Handsome blue variety. 2 to 3 feet.

FUNKIA (*Plantain Lily*)

VARIEGATA. Variegated foliage plant of green and white leaves, usually used for borders. Late in the season it produces a spike of lavender flowers. Plant does not attain a height of over 10 inches, but flower will run up to about 2 feet.

GALEGA (*Goat's Rue*)

OFFICINALIS. Purplish-blue, pea-shaped; 4 feet tall. Must have sufficient room for development.

GAILLARDIA (*Blanket Flower*)

GRANDIFLORA. One of the best known Hardy Perennials, growing to a height of about 20 inches. Blooms from early June until frost. Flowers rich red brown, with edges of petals bright golden yellow.

GEUM (*Avens*)

MRS. BRADSHAW. A new, large, double, scarlet variety, much better than any of this type previously introduced, blooming the greater part of the Summer and Fall. Height 15 inches.

GYPSOPHILA (*Baby's Breath*)

PANICULATA. Pure white flowers, splendid for use in decorating and making up bouquets. 2½ feet.

HELENIUM (*Helen Flower*)

This magnificent perennial during its blooming season from early August until middle of September, literally produces hundreds of beautiful from yellow to bronze-colored flowers. The flowers on one and the same plant vary in colors according to their growth and different stages of development. No prettier sight graces the garden than a well-developed border of Heleniums.

AUTUMNALE SUPERBUM. Broad, spreading heads, deep, golden yellow flowers. One of the most striking flowers in cultivation. 5 to 6 feet.

AUTUMNALE RUBRUM. Similar to superbum, but has bright, terra cotta red flowers; makes a wonderful display during the month of September. 5 to 6 feet.

HELIANTHEMUM (*Rock Rose*)

CROCEUM. Very pretty low-growing evergreen plants, orange-red in color. 6 inches.

HELIANTHUS (*Perennial Sunflower*)

MISS MELLISH. Very large, bright yellow flowers. 4 feet high.

HELIOPSIS (*Orange Sunflower*)

PITCHERIANA. Daisy-shaped flowers of deep orange color; fine for cutting. 3 feet.

HEMEROCALLIS (*Yellow Day Lily*)

AURANTIACA. Orange color, shaded bright yellow.

FLAVA. Best known variety; very fragrant; deep yellow.

EXCELSA. Semi-double yellow. Fine for cut flowers. 2½ to 3 feet.

ZINNIÆFLORA. Double flowering type of the orange Sunflower, growing 3 feet high.

HESPERIS (*Sweet Rocket*)

Showy, terminal, pyramidal, fragrant white spikes, resembling stocks; blooming from June to August. Splendid for naturalizing in semi-shady places. 2 to 3 feet.

HIBISCUS (*Marshmallow*)

MOSCHEUTOS. Large, bright pink flowers, on bushes about 4 feet high.

ALBA. White form of Moscheutos, growing same height.

HOLLYHOCK

No old-fashioned garden is complete without Hollyhocks. Their stately spikes produce bold effects that cannot be obtained with any other flower. We offer the best assortment of double and single kinds.

**NEWPORT PINK
SCARLET**

**MAROON
YELLOW**



HOLLYHOCKS



Tall Large-Flowering Bearded Flag Iris

FLEURS-DE-LIS

*"Spend all you have for loveliness,
Buy it and count not the cost."*

(Sarah Teasdale—A Magazine of Verses).

Between Tulip time and Rose time the mainstay of the garden for masses of color is found in the modern forms of the bearded Iris. The all-pervading loveliness of a garden well planted with the choicer forms of the older and the newer introductions is breathtaking. In no flowers are returns surer or more satisfying.

Buy Irises; plant Irises; until you have a good collection and when the lure of May and June is upon your garden you will agree that you have never had so much "carefree" beauty.

DIFFICULT SLOPES AND BANKS

If you have such places to cover and protect, write us for suggestions. The vineyardists of Southern Europe discovered years ago that there is no "wash" in a soil full of Iris roots.

CULTURE AND PLANTING

Do not use manure. Lime the thoroughly prepared bed well and give an annual top-dressing of lime in the Fall, with a top-dressing of bonemeal in early Spring. Do not plant in deep shade. Open woodland paths, if well drained, make admirable locations for broad masses of Iris, a notable example being the Iris Path on Admiral Ward's beautiful place.

Plant 3 feet apart and wait for clumps to form; or 1 foot apart for more immediate effect. Barely cover the rhizomes. Planting may be done at any time the ground is open, but the ideal time is through the months of July, August and September. The new growth is then active and the root quickly establishes itself for blooming next season. Late plantings should be mulched with leaves or straw, not manure.

PRICES AND QUALITY OF ROOTS

Strong single roots are furnished at the prices quoted and every care is exercised to have the plants true to name. Your satisfaction is our success.

In the case of rare varieties where stock is limited, orders will be filled in *sequence of receipt* and accepted subject to stock in hand, but *will not be shipped until after the blooming season*, preferably in early August.

In the description, "S," is used to designate the standards or upright petals, "F," the falls or drooping petals.

Some New and Some Less Known Irises

AFTERGLOW (Sturdevant). Grayish-lavender, shading to yellow, fine in garden effects. 3 to 4 feet. \$2.50 each.

ALCAZAR (Vilmorin). A branching plant, tall and stately, with a long flowering season. S. light mauve, F. deep rich purple. First-class certificate, London. 40 inches. \$1.50 per plant.

AMBASSADEUR (Vilmorin). S. smoky reddish satin in paler tones than the deep rich, velvety maroon falls which are held at right angles. A tall, regal plant, and considered one of the best of late introductions. Award of Merit, London. Certificated by National Horticultural Society of France. Stock limited. \$5.00 per plant.

AURORA (Foster). S. and F. pale lilac pink. Large flower on strong, erect stems. Good for isolated clumps. 4 feet. 75c. per plant.

CORRIDA (Millet). A plant of great distinction and poise. One of the introducer's best. Pale lavender bloom. 36 inches. \$4.00 each.

DAWN (Yeld). Pale yellow flower. The plant is of unusual vigor and freedom in bloom and its creamy mass makes happy association for the deeper colored Irises. 32 inches. 75c. per plant.

DELILA (Denis). A new French introduction of great beauty. S. flesh white; F. rich red with very little suggestion of pink. Free in bloom and distinct in color. A seedling from I. Ricardii. Fall delivery only. \$2.00 per plant.

DEJAZET (Vilmorin). Certificate, Paris. A superb flower of dusky orange-rose, deeper in the falls. Early in bloom and plant medium in height. Stock limited. \$3.00 per plant.

EDOUARD MICHEL (Verdier). The true variety is scarce. Wide spreading blossoms of deep, wine-red, on 3-foot stems. An imposing Iris when well grown and placed among creamy whites or pale yellows. Award of Merit. \$2.50 per plant.

ELDORADO. To those who like "art" colors in flowers this will especially appeal. A large flower on slightly flexuose stems, 3 feet tall. S. yellow, brown and heliotrope; F. violet touched with bronzy yellow, while the style arms are clear gold. Fall delivery. 75c. per plant.

ISOLINE (Vilmorin). A. M., R. H. S. S. soft yellow-pink; F. deep old rose. A very large flower on 3-foot stems. 75c. per plant.

JEANNE D'ARC (Vilmorin). A. M., R. H. S. A wide open flower with ruffled edges lightly traced in pale lilac, with the entire style branches a fresh, clear lilac. 32 inches. 50c. per plant.

LENT. A. WILLIAMSON (Williamson). An American introduction which scored the highest mark in the recent Symposium conducted by the American Iris Society. It is massive in growth and flower. S. lavender-violet and F. velvety pansy violet. 42 inches. \$3.00 per plant.

LORD OF JUNE (Yeld). Free blooming, huge flowering Iris in pale blue. 36 inches. \$4.00 each.

MAGNIFICA (Vilmorin). Certificate, Paris. A tall plant, 4 feet, carrying immense flowers of violet-blue tone; deeper in the falls. The flower measures over 6 inches from tip to tip and is sweetly scented. Said by Vilmorin to be the largest flowered Iris he has ever sent out. Stock limited. \$7.50 per plant.

MISS WILMOTT (Foster). A fine white, sometimes washed in blue. Flower stem variable in height. A large flower and considered by Sir Michael Foster one of his finest seedlings. It must have sharp drainage and sun. \$1.00 per plant.

MONSIGNOR (Vilmorin). A late flowering variety in rich coloring of purple and violet. The freedom of bloom makes it desirable for a strong note of color among the later blooming Irises. 2 feet. 50c. per plant.

MRS. ALAN GRAY (Foster). S. and F. soft pinkish lilac. Blooms with the intermediates and invariably for us sends up spikes of bloom in the Autumn. No Iris is lovelier in mass. 50c. per plant.

OPERA (Vilmorin). Certificate, Paris. Of glorious coloring in velvety rich, deep red purples. A fine flower of good shape. 33 inches. Stock limited. \$3.00 per plant.

ORIFLAMME (Vilmorin). Award of Merit, London; Certificate, Paris. Immense handsome flowers of light blue and purple, always admired. \$1.00 per plant.

PARACINA (Foster). An oncocyclis cross of great interest. S. rich violet and falls heavily netted violet on white ground. With the orange of *Hemerocallis Dumortieri* as a foil, in a warm, well drained corner, it attracts the attention of all who see it. It is perfectly hardy, also free in bloom and growth, given sun and good drainage. \$2.00 per plant.

PARC DE NEUILLY (Verdier). A free blooming, deep violet self. The large flowers make a fine, dark mass. 30 inches. 75c. per plant.

PARISIANA (Vilmorin). S. white, minutely dotted lilac. At a distance the flower appears with lilac standards and white falls, edged lilac. Large flower on 32-inch stems. 75c. per plant.

PROSPER LAUGIER (Vilmorin). A. M., R. H. S. S. bronzy-red; F. ruby velvet. The feeling of gold in its tones makes it the needed touch in a border of shades of yellow. Excellent also with creamy whites. 31 inches. 50c. per plant.

QUAKER LADY. (Farr). S. smoky lavender, shaded with gold; F. amethyst-blue with yellow shadings. Styloid petals and beard yellow. To emphasize its charm of coloration, plant with *Aurea* and *Mrs. Neubronner*. 50c. per plant.

SOUVENIR DE MME. GAUDICHAU (Millet). This vigorous plant, with rich purple flowers on 3-foot stems, makes a stunning garden effect. It ranked 9.3 in recent Symposium and is regarded by Millet and others as his finest introduction. An Iris with a future. \$7.50 per plant.

SIMPLICITY (McKinney). An almost white flower, with pink, styloid petals. The plant is vigorous and free blooming, and, in clump, has the pleasing habit of throwing up stems of varying height. 34 inches. \$3.00 per plant.

QUEEN ALEXANDRA (Barr). A very beautiful mauve with a suffusion of yellow. Erect, strong stems. 30 inches. 25c. per plant, \$2.50 per doz.

RHEIN NIXE. A. M., R. H. S. Standards clear white; F. rich raspberry purple with white edge. Tall, vigorous branched spikes. 3 feet. 50c. per plant.

SOME NEW AND SOME LESS KNOWN IRISES—Continued

RICHARD II (Dykes). Award of Merit, R. H. S. A seedling of Black Prince. Low in stature and very late. S. white; F. black-violet and velvety, with a clear white edge. Placed advantageously, it makes a stunning clump in the rock garden or border when nearly every other Iris has finished blooming. \$4.00 per plant.

ROSE UNIQUE (Farr). A deep "pink." The rather small flowers are freely produced and massed with gray white Florentina, give an unusual touch of color at this season. 18 to 20 inches. 50c. per plant.

SARAH (Foster). An excellent hybrid. Rather broad, upright foliage; dwarf in habit. Flower large, pearly white, distributing its bloom over a considerable period. Early May. 15 inches. 25c. per plant, \$2.50 per doz.

SHELFORD YELLOW (Foster). Flowers larger and plant taller than Aurea, while the color is between that of Flavescens and Aurea. A fine yellow Iris. 50c. per plant.

TAMERLANE. S. silvery-blue, with deeper shadings; F. copper-purple, with yellow suffusion in throat. Grows $3\frac{1}{2}$ feet high; one of the largest flowering Iris grown. 50c. per plant.

THELMA PERRY (Perry). A vigorous Pallida variety of refined coloring; soft blush; F. rosy-mauve. 36 inches. 75c. per plant.

SIBIRICA EMPEROR (Japan.) Award of Merit, London. Deep violet-blue. Large flowers borne well above the foliage on 4-foot stalks. A clump of three years' standing makes a stunning garden feature. Stock limited. \$3.00 per plant.

Standard Varieties

(Bearded Iris)

Price: 25c. per plant, \$2.50 per doz., except where otherwise noted.

AMAS, or MACRANTHA. A huge flowered form from Asia Minor. Blooms slightly later than Florentina and the Intermediates. S. bright blue; F. deep purple-violet. This variety is responsible for the great size in some of the later introductions and on this account should be in the collection of those wishing to make seedlings. 2 feet. 35c. per plant, \$3.50 per doz.

AUREA. S. and F. soft clear yellow. A very beautiful variety. Try planting it back of the wild Columbine (canadensis). 30 inches. 25c. per plant, \$2.50 per doz.

BLUE JAY (Farr). A tall, late blooming variety in good "blues," bright and dark. 3 feet. 50c. per plant.

CAPRICE (Vilmorin). S. and F. claret, shading to white at the center of the rather wide open flower. Very charming planted with Flavescens against a not too heavy tracery of green. 50c. per plant.

CHESTER HUNT (Farr). "Blue" Iris, long season of bloom, and lovely planted with Fairy. 75c. each.

CORDELIA (True). S. lilac; F. velvety-crimson. Late blooming. 24 to 30 inches. 50c. per plant.

DALMARIUS. A highly commended variety. S. satiny-gray; F. lavender with an enormous yellow beard. A large flower, vigorous plant and free in bloom. 30 inches. 25c. per plant.

DOROTHEE (Intermediate). S. pearly lavender-gray. F. touched with deeper lavender and whole flower flat like a Japanese Iris. 50c. per plant.

FAIRY. White, touched with blue, delightfully fragrant. 36 inches. 50c. each, \$5.00 per doz.

FLAVESCENS. Soft, creamy yellow. No Iris is more valuable in the garden. 30 inches. 25c. per plant, \$2.50 per doz.

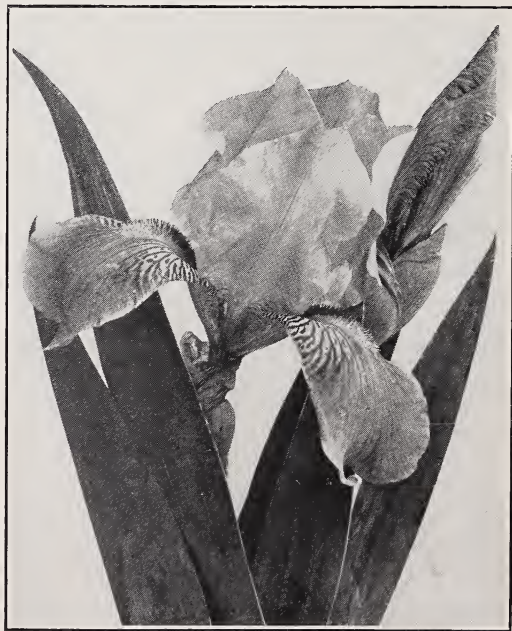
FLORENTINA. The gray-white variety of the old gardens; large, fragrant and early. It makes a pleasing background for Clara Butt Tulips. 28 inches.

FRITJOF (Intermediate). A fine, purple bicolor in large flower, with a long blooming season. 50c. per plant.

GERDA (Intermediate). Pale yellow, earlier than Flavescens. 35c. each, \$3.50 per doz.

GERMANICA TYPE (Common Early Blue Flag). Violet-purple, free flowering and effective with yellow Tulip, Mrs. Moon.

HER MAJESTY. S. soft rose; F. deeper rose, heavily veined. One of the best "pink" sorts and particularly satisfying used either with the cool white of Mrs. Darwin or the warm white of Innocenza. 28 inches. 35c. per plant, \$3.50 per doz.



BLUE JAY

IRIS, STANDARD VARIETIES—Continued



IRIS MADAME CHEREAU

MADAME CHEREAU. S. and F. white, frilled clear blue; very lovely. 3 feet.

MADAME PACQUITTE. S. and F. bright, rosy claret; deliciously fragrant. 30 inches. 25c. per plant.

MANDRALISCA. S. deep blue; F. violet-mauve; with pale yellow, striped throat; 3½ feet high.

MAORI KING. S. golden yellow; F. velvety-crimson, margined gold. A valuable Iris where brilliant low masses of color are desired. 18 inches. 25c. per plant.

MRS. H. DARWIN. A cool, pure white, with very slight reticulations of violet at base of falls. It blooms freely and is an indispensable sort. 2 feet.

MRS. NEUBRONNER. S. and F. golden yellow, deeper than Aurea, also slightly earlier. 20 to 24 inches. 25c. per plant, \$2.50 per doz.

MURAT. S. pale orchid, tipped gold; F. heavily striped with claret red; throat canary-yellow.

NIBELUNGEN. S. fawn; F. bronzy-purple, edged with fawn. An erect, vigorous, free blooming Iris, and one of the best of its color. Should be planted near a blue like Rembrandt and creamy yellow like Flavescens. 32 inches. 35c. per plant.

OTHELLO. S. rich blue; F. deep dark, velvety-violet. 30 inches. Still unsurpassed among the dark sorts. 25c. per plant.

PALLIDA DALMATICA. S. and F. soft lavender; very fragrant; exquisite as a cut flower; superb in the hardy border. 3 to 4 feet. 25c. per plant, \$2.50 per doz.

INNOCENZA. S. and F. ivory white, slight reticulation at throat, late blooming and valuable. 26 inches. 35c. per plant, \$3.50 per doz.

IRIS KING (New). S. old gold; F. rich maroon, bordered yellow; a beautiful and striking flower. 2 feet. 50c. per plant.

JUNIATA (Farr). Four-foot stems carry large, violet flowers above noticeably fine flowing foliage. Excellent in every way. 50c. per plant.

JACQUESIANA. Standards wine, shaded in copper. Falls red purple-violet, with blackish tones. There is not so much yellow in this flower as in Prosper Laugier, and it is taller in growth. Should be planted with pale yellow or creamy white. 3 feet. 35c. per plant, \$3.50 per doz.

KOCHII. S. and F. deep black-purple. An effective early blooming Iris, not so well known as it deserves. 2 feet. 25c. per plant, \$2.50 per doz.

LEONIDAS (Barr). A very handsome, tall Pallida type. S. clear lavender; F. several shades deeper and hugging the stem, making the form an unusual but attractive one. Very large flower. 3 feet. 35c. per plant, \$3.50 per doz.

LOHENGRIN. A. M., R. H. S. A large flower, both S. and F. in shades of Cattleya mauve; petals very responsive to the strength or softness of the light. A plant of vigorous habit and good foliage. 32 inches. 35c. per plant.

LORELEY. S. clear pale yellow. F. raisin-purple, with yellow edge. This variety possesses in a superlative degree what the garden colorists call "carrying quality." No other Iris in our collection is more admired. 35c. per plant, \$3.50 per doz.



IRIS PALLIDA DALMATICA

IRIS, STANDARD VARIETIES—Continued

PERFECTION. S. light blue; F. black-violet. A very free blooming sort and most effective as a dark foil for the lighter colors. 30 inches. 50c. per plant, \$5.00 per doz.

PLUMERI. S. rose mauve with metallic shadings; F. deeper mauve. A sterling variety, very largely grown. 25c. per plant, \$2.50 per doz.

PRINCESS ROYAL. Tall, slender stems of violet-blue flowers. 50c. each, \$5.00 per doz.

QUEEN OF MAY. S. and F. soft lilac-rose, fragrant. One of the most charming of the "pink" Pallidas. 32 inches. 25c. per plant, \$2.50 per doz.

REMBRANDT. S. and F. shades of soft blue with almost no suggestion of purple. An excellent "blue" sort. 2 feet. 25c. per plant.

SHERWIN WRIGHT. A deep yellow, taller than Mrs. Neubronner. 35c. each, \$3.50 per doz.

THORBECK. S. white; F. deep black violet. A very effective Iris. 40 inches. 35c. per plant, \$3.50 per doz.

TRAUTLIEB. The soft lilac pink of the wide open flowers, shading to white through the center, and the rather slender 18-inch stem, make it ideal for

crystal bowls as well as garden massing. 35c. per plant, \$3.50 per doz.

TROJANA SUPERBA. A. M., R. H. S. A giant flowered, fragrant, late blooming variety from the Island of Cyprus. Light blue, lavender standards and deep purple falls. Needs a warm, dry location. 3 feet. 50c. per plant, \$5.00 per doz.

WALHALLA (Intermediate). S. light blue-lavender; F. velvety-purple. Blooms in mid-May. 20 inches. 35c. per plant, \$3.50 per doz.

SIBIRICA. These are grassy-leaved Irises retaining lovely flowing foliage throughout the season and blooming just at the close of the bearded Iris season. The delicately poised blossoms are attractive and valuable both for cutting and garden decoration.

White. 25c. per plant, \$2.50 per doz.

Shades of Blue. 20c. per plant, \$2.00 per doz.

SNOW QUEEN (Found in Japan by Mr. Peter Barr). An exceptionally free flowering Sibirica of the *Orientalis* form. Its large white blossoms make a fine mass effect. 28 inches. 25c. per plant, \$2.50 per doz.



DWARF CREEPING IRIS CRISTATA

Dwarf Irises

ARENARIA. An interesting tiny species from Hungary. Flowers bright yellow with the fragrance of vanilla. Good for a hot, sunny spot in the rock garden where with proper care it will give amazing bursts of bloom. The flower is fugacious and it is an Iris for the enthusiast and careful gardener. 3 to 4 inches. \$1.50 per plant.

BLACK MIDGET (McKinney). This is another delightful dwarf of deepest black purple. Its stems are also sometimes two-flowered and it makes the richest possible spot of color in the Spring garden. The foliage of this variety and that of Glee remains fine throughout the season. Late April and early May. 12 inches. \$3.00 per plant.

EXCELSA. Deeper in color than Lutea, free and sweetly scented. 12 inches. 25c. per plant.

THE BRIDE. A very satisfactory white Iris; 12 inches, blooming in late April or early May. Foliage is noticeably good. 35c. per plant, \$3.50 per doz.

CRISTATA (Evansia). A dainty creeping species; flowers rich amethyst-blue, striped orange; increases rapidly. A little gem for borders, rock-work or low massing. It is happier in locations that are shaded a part of the day. Given these conditions and time to mass, it will delight all who try it. 25c. per plant, \$2.50 per doz.

GLEE (McKinney). This is a dwarf Iris of exceptional merit. The profusion of its pale yellow bloom and the gay grace of its two-flowered stems merit the name given by the originator. It bloomed over a period of three weeks this past season and is an acquisition, receiving praise wherever seen. Stock limited. Late April and early May. 12 inches. \$3.00 per plant.

GRACILIPES. The most fairy-like of all Irises. From among delicate and graceful foliage the small rhizomes send up sometimes as many as six branches, carrying small-crested, pinkish-lilac blossoms. Delightful for a moist but well-drained place, either in border or rock garden. Likes afternoon shade. \$1.00 each.

LUTEA. Pale yellow. Very vigorous in growth and profuse in flower. Mid-April. 8 to 10 inches. \$2.50 per doz.

LUTESCENS. (var. Statellæ). Creamy white, globular flowers in late April on 12- to 15-inch stems. Fragrant and lovely for cutting. Established clumps make excellent subjects for forcing. 25c. per plant, \$2.50 per doz.

NOVA AUREA. A satisfactory yellow of great freedom and similar in color to Excelsa. Late April and early May. 12 inches. 25c. per plant, \$2.50 per doz.

PUMILA ATROVIOLEACEA. S. and F. purple. Falls slightly deeper in tone. 4 inches. The earliest to bloom. Especially good in front of white Arabis and Golden Spur Daffodils. 15c. per plant, \$1.50 per doz.

PUMILA CÆRULEA. Sky-blue mite and very scarce. 75c. each.

SOCRATES. Wine-red, with slender, graceful stem. 25c. each, \$2.50 per doz.

TECTORUM ALBA. For the top of a low wall or terrace nothing is more lovely than this pure white crested Iris, which blossoms at the same time as the tall bearded sorts. Foliage good. Exquisite variety. Stock scarce. 15 inches high. \$3.00 each.

Japanese Iris

This type of Iris sends up spikes three to four feet high with about a dozen spikes to a plant. Each of these spikes will produce three or four enormous blossoms eight to ten inches across, of the most delicate and beautiful color combinations. Once planted they will bloom profusely for many years throughout the months of June and July.

Price: 35c. per plant, \$3.50 per doz., \$25.00 per 100.

AMETHYST. Single. Very large, wavy petals, of a beautiful lavender shade.

AZURE. Double. Mauve-blue flower with darker halo surrounding the yellow blotch at base of petals. Very large and fine.

GOLD BOUND. Double. Large, double white, enriched by a creamy glow, from the gold banded center.

MT. HOOD. Double. Light blue, shaded darker blue, bright orange center.

PINK PROGRESS. Single. Pale lavender with a clear blue halo overlaid with a silvery sheen.



IBERIS (*Hardy Candytuft*)

Among the many species of plants particularly suitable for dwarf beds, borders and the rockery, none surpass the hardy Candytufts in making a rich showing during their flowering season. The foliage also is quite ornamental, while the flowers, climbing and rambling in all directions, lend a picturesque touch whenever the plants are used.

LITTLE PRINCE. Dainty and distinct; beautiful species of snow-white flowers. 6 inches.

GIBALTARICA. Delicate pink; dwarf in habit and completely covered with small pink flowers.

LAVANDULA (*Lavender*)

VERA. The true Sweet Lavender, growing 18 inches high, wonderfully fragrant, blue flowers blooming July and August.

LILIUM REGALE, or MYRIOPHYLLUM

Flowers white, slightly suffused pink, with a beautiful shade of canary-yellow at the center. Delightfully perfumed, reminding one of the Jasmine. Blooms out of doors early in July. Absolutely hardy. \$1.25 each, \$12.00 per doz., \$90.00 per 100.

LUPINS (*Lupine*)

POLYPHYLLUS TYPE. Blue.

ALBA. White.

ROSEUS. Rose-pink.

LYCHNIS (*The Lamp Flower*)

CHALCEDONICA. Most desirable variety; orange-scarlet. 3 feet high.

HAAGEANA. Brilliant orange-scarlet. Flowers in May and June. 12 inches high.

LYSIMACHIA (*Loosestrife*)

CLETHROIDES. Long, dense spikes; pure white flowers, fine for cutting. 2 feet.

LYTHRUM (*Loosestrife*)

ROSEUM SUPERBUM. Rose color, robust habit. 4 to 5 feet high.

MONARDA (*Bergamot*)

DIDYMA. Brilliant crimson-scarlet, flowers produced on plants about 2½ to 3 feet high, during the months of July and August. Very showy and bright when planted en masse.

FISTULOSA. Lavender form of the above.

VIOLACEA. Bright amaranth-red. 2 to 3 feet high.



LILIUM REGALE, or MYRIOPHYLLUM

MYOSOTIS (*Forget-Me-Not*)

PALUSTRIS SEMPERFLORENS. No hardy flower is better known or appreciated than this royal blue variety. Early and free in bloom. Perpetual flowering type. Prefers a damp location. 6 inches. Indigo-blue; grows about 9 inches.

NEPETA (*Ground Ivy*)

MUSSINII. Bright blue flowers, silvery foliage, growing about 9 inches high.

HEDERACEA. Dwarf trailing, creeping plant; very fine edging for borders.

ÆNOTHERA (*Evening Primrose*)

SPECIOSA. Pure white flowers that do splendidly in a sunny location. They bloom the greater part of the Summer with flowers 3 inches across and grow about 18 inches high.

PACHYSANDRA

TERMINALIS. A trailing plant growing about 7 to 9 inches high, blooming during May and June. A very fine plant to grow in a shady location.

PAPAVER (*The Oriental Poppy*)

GOLIATH. Fiery-scarlet, with maroon blotch at the base of petal. Assorted. All shades of color.

PHALARIS (*Ribbon Grass*)

VARIEGATA. A beautiful ornamental grass, striped white. Most attractive for planting along banks of streams or artificial ponds. 18 inches to 2 feet.



HERBACEOUS PEONIES

Cast-iron in their hardiness, blooming equally well north, south, east and west, in this country, no other flower is so adaptable and so satisfactory. A good rich soil, open sunny position, and plenty of water during their growth is all they need. When planting, place the roots so that the crowns are barely covered with soil

Price: 75c. per plant, \$6.00 per doz., except where priced.

COURONNE D'OR. White, with center petals tipped carmine. Large, full flower of good form. Strong grower and very tree bloomer. Late flowering.

DELICATISSIMA. Lilac-rose, midseason type. Tall grower, tree bloomer and very fragrant.

EDULIS SUPERBA. A beautiful, bright, clear-pink Peony, that is always in flower for Decoration Day.

FELIX CROUSSE. Brilliant red. A strong grower and very fragrant. Medium height.

FESTIVA MAXIMA. Pure white, flecked carmine; strong grower; early bloomer. One of the oldest varieties and very dependable.

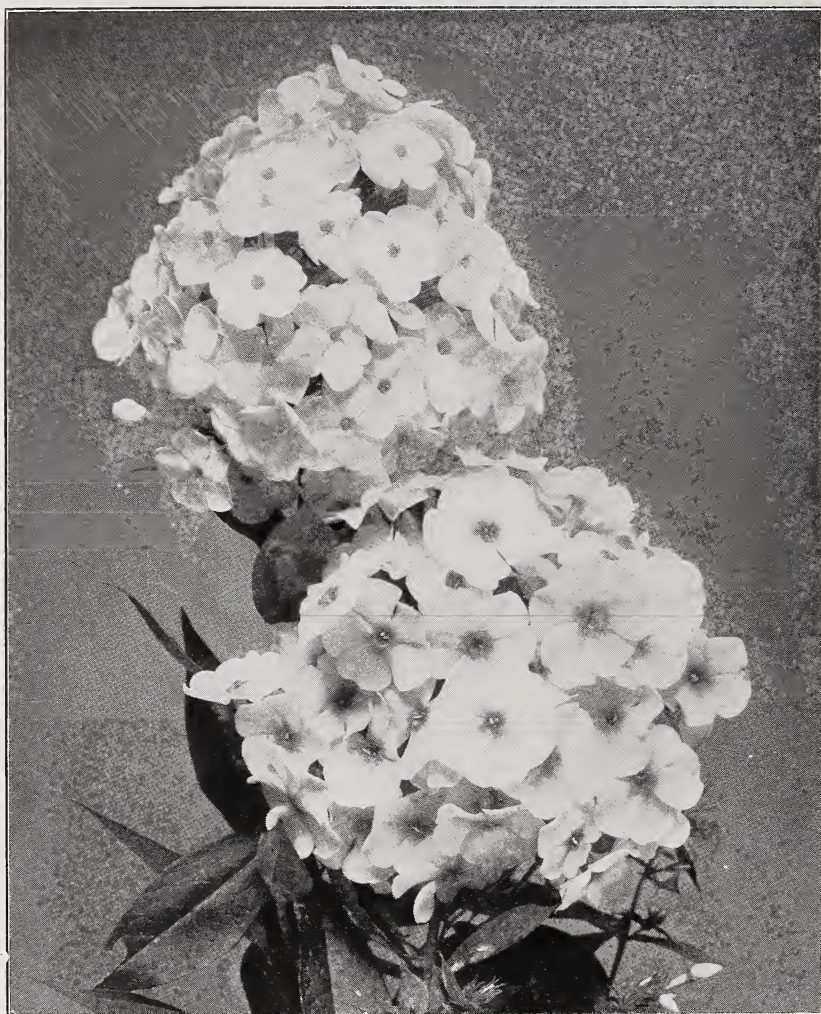
LOUIS VAN HOUTTE. Carmine-rose, silvery, tipped with deep pink reflex. Late bloomer of the semi-rose type.

MME. BOULANGER. Glossy, soft pink, shade lilac; midseason. \$1.00 per plant, \$10.00 per doz.

MME. CROUSSE. Ivory white, center petals edged crimson.

MODELE DE PERFECTION. Light violet-rose with bright rose center; dwarf grower and late. \$1.00 per plant, \$10.00 per doz.

QUEENVICTORIA. One of the best white Peonies that has been introduced in many years. When first opening has a faint blush pink tint but this fades out entirely as the flower expands.



Phlox

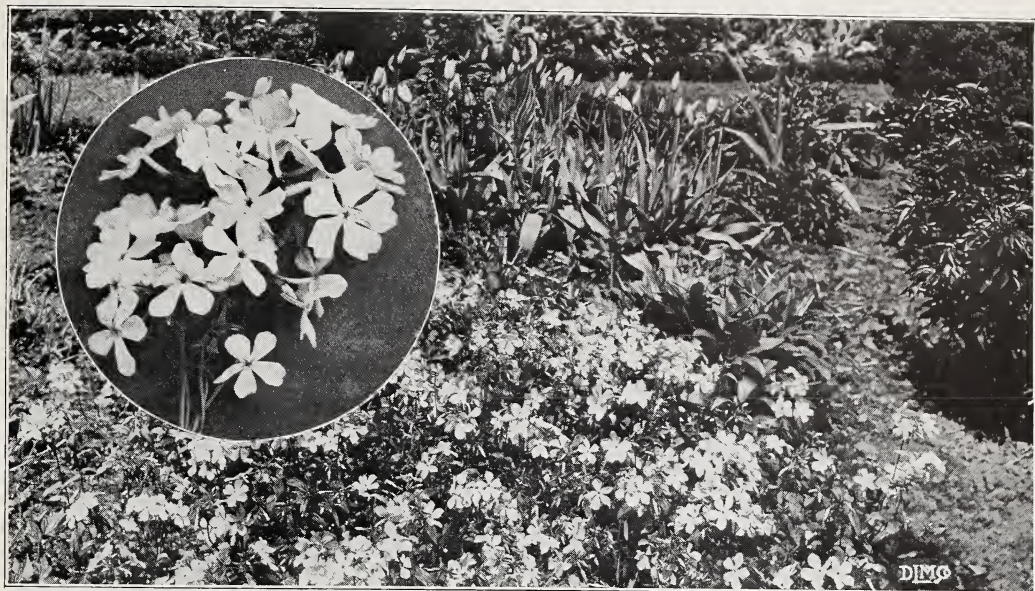
Phlox makes a beautiful background for the earlier flowers in the border and add a riot of color when their blooming season arrives in early July. A careful selection of varieties will give a continuous show until Fall if properly handled. Cut back the flowering heads as soon as they finish flowering to prevent them going to seed, since it is the flowers reproduced from the seedling plants that show the magenta color so often seen in the Phlox family.

Phlox should be planted from eighteen inches to two feet apart, and will quickly repay any expenditures in the line of extra care and fertilizers. They flower continuously from July until Fall, and are always very showy in a garden.

Phlox is sometimes attacked with mildew, and this is best treated by the use of sulphide of potassium, applied in the proportion of one ounce to two gallons of water.

All of the varieties listed herein, unless noted, will attain a height of from two to two and one-half feet.

**Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100,
except where noted.**



PHLOX DIVARICATA LAPHAMII

PHLOX—Continued

BARON VAN DEDEM. Large truss, brilliant scarlet blood-red, one of the best.

BRIDESMAID. A white, with large crimson center; a very well known variety.

B. COMTE. Brilliant French purple with crimson-carmine shadings. $2\frac{1}{2}$ feet.

CHAMPS-ELYSEES. Violet-purple; with large spikes. $2\frac{1}{2}$ feet.

CREPUSCULE. Shading from a deep rosy center, through rose-lilac to a white edge. $2\frac{1}{2}$ feet.

ELIZABETH CAMPBELL. Light salmon changing to pink, a new and splendid color. Large trusses. 50c. each, \$5.00 per doz., \$35.00 per 100.

ETNA. Brilliant-colored variety, large spreading truss of orange-scarlet.

EUGENE DANZANVILLIER. Lilac, shading to white at edges. $2\frac{1}{2}$ feet.

FRAU VON LASSBERG. Pure white truss, flowering between Buchner and Jenkins; very free.

LA VOGUE. Pure mauve, with aniline-red eye. $2\frac{1}{2}$ feet.

LOUIS ABBEMA. Very large dwarf, pure white, fine form. 18 inches.

LUMINEAUX. China rose pink in color, growing 3 feet in height. Not as well known as most other pink varieties, but a variety we can well recommend.

MISS LINGARD. This is known as the early flowering Phlox since it comes into flower in May and continues to flower continuously until October, or the very heavy frosts injure it. Height about 2 feet. Color, pure white.

MRS. JENKINS. The most popular white variety so far introduced; splendid for planting en masse; blooms early and profusely.

PANTHEON. Rosy-salmon, pure white center, very large truss.

PROFESSOR VIRCHOW. Bright crimson, overlaid with orange-scarlet.

RYNSTROM. An improved form of the popular variety Pantheon; fine for massing; of a Paul Neyron rose color. $2\frac{1}{2}$ feet.

RHEINLANDER. Beautiful salmon-pink with claret red eye. Individual trusses of immense size.

WIDAR. Lovely violet shade with white center.

Phlox Divaricata Laphamii

A perennial Phlox of pure gentian blue, growing to a height of 15 to 18 inches; unsurpassed as a border plant when planted in front of Darwin Tulips, since it flowers in May, and continues flowering until early July.

There is no other garden flower blooming at this season showing this rare and beautiful color.

A solid bed of Phlox Laphamii is one of the most attractive sights in any garden, and we cannot too strongly recommend everyone to try at least a few plants of this remarkable plant.

Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.

PINKS (*See DIANTHUS*)

MRS. SIMPKINS. Large flowering double, white, very hardy. Fine for edging borders or in rock gardens. Blooms June and July.

PLATYCODON (*Japanese Bellflower*)

Very handsome, hardy perennial, with beautiful bell-shaped flowers, much like *Campanula*.

GRANDIFLORUM. Very large, deep blue, star-shaped flowers. 2 feet.

GRANDIFLORUM ALBUM. Beautiful, pure white type of the above. 2 feet.

POLYGONUM (*Knotweed*)

CUSPIDATUM. Noble plant attaining a height of 6 feet, producing long, drooping clusters of white flowers in the axil of each leaf.

PRIMULA (*Hardy Primrose*)

POLYANTHA. All shades of bronze, crimson and yellow. One of the old favorites of grandmother's garden. Very useful for pot plants for the greenhouse.

VULGARIS (*English Primrose*). One of the most beautiful outdoor plants in the early Spring. These thrive in moist, cool, half shady situations. They should be protected from the midday sun. Splendid for colonizing. Large trusses of flowers in all shades of yellow. 6 to 9 inches.

PHYSALIS (*The Chinese Lantern Plant*)

FRANCHETII. Sometimes known as the Winter Cherry, attaining a height of 2 feet, and covered with bright orange-scarlet, lantern-like fruit.

PYRETHRUM (*Giant Daisy*)

ULIGINOSUM. Flowers in the Fall, just ahead of the Michaelmas Daisies, to which family it is closely related. 4 feet high.

HYBRIDUM. Single flowering pink Daisies, growing 2 feet in height; flowering during the month of June; fern-like foliage. Double. Heavy, Daisy-like flowers, assorted colors, growing 2 feet high.

PHYSOSTEGIA (*False Dragon Head*)

VIRGINICA. Pale pink, tubular flowers on very showy bushes; 3 to 4 feet high, blooms all Summer.

VIRGINICA ALBA. Pure white form of above. 4 feet.

RUDBECKIA

GOLDEN GLOW. One of the best known hardy flowers, blooming from July until September.

NEWMANNII (*The Black-Eyed Susan*.) Very well known and popular. 3 feet.

PURPUREA. Large, showy, reddish-purple flowers; 4 inches across. 3 feet.

TRILOBA. One of the finest of the Rudbeckia family. Flowers orange or brownish-purple with deep yellow base, making a most attractive flower.

**PYRETHRUM****SALVIA**

AZUREA GRANDIFLORA (*Blue Sage*). A Rocky Mountain native, producing a profusion of beautiful flowers on slender spikes during August and September. Very attractive planted with late flowering white Phlox, or with a background of flowering shrubs. 4 to 5 feet.

SANTOLINA (*Lavender Cotton*)

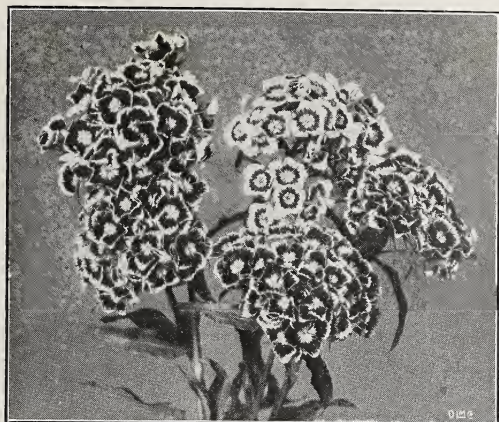
INCANA. Silvery white foliage, used for rock border, and very largely used for carpet bedding.

SAPONARIA (*Soap Flower*)

ORIENTALIS. Border plant, growing about 6 inches high, producing masses of bright pink flowers from July to October.

SEDUM (*Stonecrop*)

SPECTABILE. Most popular of all the Sedums, producing large, flat heads of rose-colored flowers; 2 feet high.



SWEET WILLIAM (*Dianthus barbatus*)

STATICE (*Sea Lavender*)

LATIFOLIA. A popular border and rockery plant with very glossy leaves and small purplish-blue flowers in trusses about 12 inches across, blooming profusely. Height 18 inches. Useful for Winter bouquets.

STACHYS (*Woundwort*)

LANATA. Bright, silvery white, woolly foliage; flowers an inconspicuous light purple in color; largely used for edging or clumps in borders.

SILENE

PENDULA. Trailing branched, rosy-pink flowers, blooming from May to August. Useful in rockwork and borders. 6 to 9 inches high.

STOKESIA (*The Cornflower Aster*)

ALBA. Very beautiful hardy plant attaining a height of 18 to 24 inches, blooming from July until October. A pure white Cornflower-like, measuring 5 inches across.

SWEET WILLIAM (*Dianthus barbatus*)

Possibly one of the best known, free flowering, hardy perennials; easily one of the most attractive flowers in the garden.

NEWPORT PINK. Beautiful salmon shade of pink.

JOHNSON'S DIADEM. Maroon with white center.

PURITY. Snow white, one of the very best.

CARMINE BEAUTY. Very rich shade of red.

ASSORTED. All colors.

THALICTRUM (*Meadow Rue*)

ADIANTIFOLIUM. Beautiful variety, with foliage like Maidenhair Fern and miniature white flowers. 2 feet.

TUNICA

SAXIFRAGA. Low growing, tufted plant, with light pink flowers. Very useful in the rockery and at the front of the hardy border.

VALERIANA (*Valerian*)

OFFICINALIS. Very fragrant, rose-tinted flowers. 2 feet.

RUBRUM. Large clusters of red flowers. 2 feet.

VERBASCUM (*The Purple Mullein*)

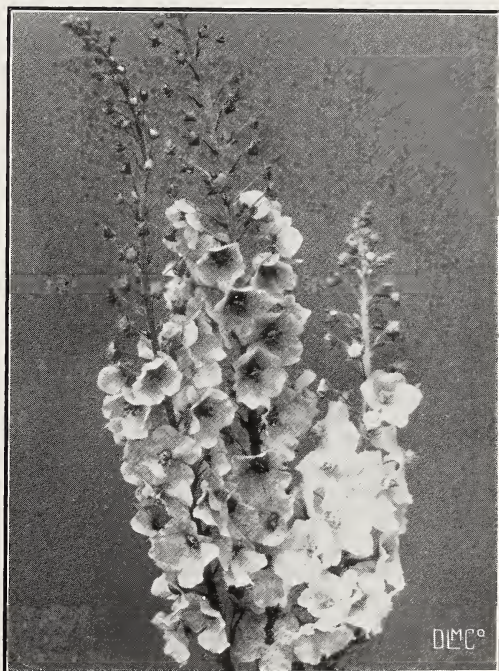
PHŒNICEUM. Purple spiked flowers attaining a height of about 4 feet. Grows somewhat on the order of Delphinium.

VERONICA (*Speedwell*)

AMETHYSTINA. Amethyst-blue flowers; spikes long and good. 2 feet.

LONGIFOLIA SUBSESSILIS. Long spikes; beautiful blue flowers; plants 3 feet high.

SPICATA. Flowers in June and July; magnificent sprays of bright blue flowers, growing 1½ to 2 feet high.



VERBASCUM



VIOLA, JERSEY GEM

This beautiful Viola originated with T. A. Weston, associate editor of "The Florists Exchange," and we believe it is destined to encourage as much interest in Violas generally, as prevails in Great Britain, where millions are sold annually for edging and bedding purposes, under name.

Jersey Gem possesses the dwarf habit and continuity of blooming of the true horned Viola, *V. cornuta*, and the vigorous, bushy growth and roundish foliage of the finest English bedding varieties. Being raised in northern New Jersey, and having withstood several Winters outdoors, it is of unquestioned hardiness, requiring no more protection than a little litter, such as is given the general run of evergreen hardy perennials, to protect them from bleak winds until April.

Jersey Gem commences to bloom in May and continues practically without a break all through the season. In the raiser's garden, it flourishes on light soil, both on the flat and on the rockery, the plants "bushing" out until they cover the ground completely.

The flowers have the form of, but are somewhat larger than the true *V. cornuta*, having the characteristic horn at the back and, in addition, the petals are daintily fluted, which enhances their appearance. The color is pure violet without other shading and the flowers have a slight perfume. They are borne on stems about 6 inches long, rendering them exceedingly useful for decorative purposes.

Jersey Gem calls for no special culture; simply plant in average good garden soil with rotted leaves and well decayed manure added, if possible, and it will grow and bloom all Summer. An occasional watering in dry weather is of benefit.

Plant where it can receive a full share of sunshine; shade, which true Violets relish in Summer, is resented by Violas, and they will not bloom under such conditions. Grown under the same conditions, Jersey Gem is much superior to George Wermig or any other form of *V. cornuta* we have ever seen, not excepting the new English variety, Lord Nelson.

The stock we offer was entirely propagated by the raiser, and is guaranteed to come true to type and color.

Healthy, Fall propagated plants from outdoors.

50c. each, \$5.00 per doz.

VIOLA (*The Perennial Violet*)

YUCCA (*Adam's Needle*)

PURPUREA.

Rich shade of blue.

YELLOW GEM.

Very bright yellow.

FILAMENTOSA. Ornamental foliage and flowering plants. Makes a splendid foil for the delightfully fragrant spikes of creamy white flowers produced during June and July. 5 to 6 feet tall.



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An organic fertilizer containing the elements of fertility in the correct proportions to make it an ideal food for Roses. The nitrogen, phosphate, potash and other vital elements are compounded from materials rich in humus, and are so blended as to produce an evenly balanced diet. We heartily endorse it for use on Roses, outdoors and under glass. Full directions in every package.

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A plant food essentially adapted for use on this exacting plant. Not a concentrated chemical fertilizer, but a perfect plant food containing organic materials scientifically compounded. The use of this prepared food assures one of splendid success.

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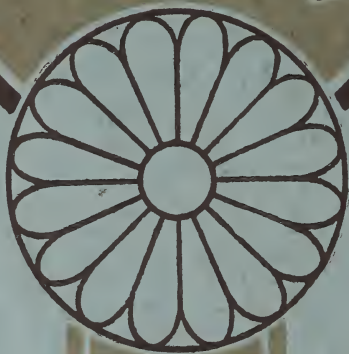
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